the Sequence Listing. The nearest neighbor results for SEQ ID NO: 328-1413 are shown in Table 2 below.

Using eMatrix software package (Stanford University, Stanford, CA) (Wu et al., J. Comp. Biol., Vol. 6 pp. 219-235 (1999) herein incorporated by reference), all the sequences were examined to determine whether they had identifiable signature regions. Table 3 shows the signature region found in the indicated polypeptide sequences, the description of the signature, the eMatrix p-value(s) and the position(s) of the signature within the polypeptide sequence.

Using the pFam software program (Sonnhammer et al., Nucleic Acids Res., Vol. 26(1) pp. 320-322 (1998) herein incorporated by reference) all the polypeptide sequences were examined for domains with homology to certain peptide domains. Table 4 shows the name of the domain found, the description, the p-value and the pFam score for the identified domain within the sequence.

The nucleotide sequence within the sequences that codes for signal peptide sequences and their cleavage sites can be determine from using Neural Network SignalP V1.1 program (from Center for Biological Sequence Analysis, The Technical University of Denmark). The process for identifying prokaryotic and eukaryotic signal peptides and their cleavage sites are also disclosed by Henrik Nielson, Jacob Engelbrecht, Soren Brunak, and Gunnar von Heijne in the publication " Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites" Protein Engineering, Vol. 10, no. 1, pp. 1-6 (1997), incorporated herein by reference. A maximum S score and a mean S score, as described in the Nielson et as reference, was obtained for the polypeptide sequences. Table 5 shows the position of the signal peptide in each of the polypeptides and the maximum score and mean score associated with that signal peptide.

5.3.2 EXAMPLE 5

Novel Nucleic Acids

Using PHRAP (Univ. of Washington) or CAP4 (Paracel), a full length gene cDNA sequence and its corresponding protein sequence were generated from the assemblage. Any frame shifts and incorrect stop codons were corrected by hand editing. During editing, the sequence was checked using FASTY and/or BLAST against Genbank (i.e., dbEST version 117, gb pri 117, UniGene version 117, Genpept release 117). Other computer programs which may have been used in the editing process were phredPhrap and Consed (University of Washington) and ed-ready, ed-ext and gc-zip-2 (Hyseq, Inc.). The full-length nucleotide sequences, including splice variants resulting from these procedures are shown in the Sequence Listing as SEQ ID NOS: 1414-1652.

Table 1 shows the various tissue sources of SEQ ID NO: 1414-1652.

The nearest neighbor results for SEQ ID NO: 1414-1652 were obtained by a BLASTP version 2.0a1 19MP-WashU search against Genpept release 118, using BLAST algorithm. The nearest neighbor result showed the closest homologue for SEQ ID NO: 1414-1652 from Genpept. The translated amino acid sequences for which the nucleic acid sequence encodes are shown in the Sequence Listing. The nearest neighbor results for SEQ ID NO: 1414-1652 are shown in Table 2 below.

Using eMatrix software package (Stanford University, Stanford, CA) (Wu et al., J. Comp. Biol., Vol. 6 pp. 219-235 (1999) herein incorporated by reference), all the sequences were examined to determine whether they had identifiable signature regions. Table 3 shows the signature region found in the indicated polypeptide sequences, the description of the signature, the eMatrix p-value(s) and the position(s) of the signature within the polypeptide sequence.

Using the pFam software program (Sonnhammer et al., Nucleic Acids Res., Vol. 26(1) pp. 320-322 (1998) herein incorporated by reference) all the polypeptide sequences were examined for domains with homology to certain peptide domains. Table 4 shows the name of the domain found, the description, the p-value and the pFam score for the identified domain within the sequence.

The nucleotide sequence within the sequences that codes for signal peptide sequences and their cleavage sites can be determine from using Neural Network SignalP V1.1 program (from Center for Biological Sequence Analysis, The Technical University of Denmark). The process for identifying prokaryotic and eukaryotic signal peptides and their cleavage sites are also disclosed by Henrik Nielson, Jacob Engelbrecht, Soren Brunak, and Gunnar von Heijne in the publication " Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites" Protein Engineering, Vol. 10, no. 1, pp. 1-6 (1997), incorporated herein by reference. A maximum S score and a mean S score, as described in the Nielson et as reference, was obtained for the polypeptide sequences. Table 5 shows the position of the signal peptide in each of the polypeptides and the maximum score and mean score associated with that signal peptide.

5.4.2 EXAMPLE 6

Novel Nucleic Acids

Using PHRAP (Univ. of Washington) or CAP4 (Paracel), a full length gene cDNA sequence and its corresponding protein sequence were generated from the assemblage. Any frame shifts and incorrect stop codons were corrected by hand editing. During editing, the sequence was checked using FASTY and/or BLAST against Genbank (i.e., dbEST version 118, gb pri 118,

UniGene version 118, Genpept release 118). Other computer programs which may have been used in the editing process were phredPhrap and Consed (University of Washington) and ed-ready, ed-ext and gc-zip-2 (Hyseq, Inc.). The full-length nucleotide sequences, including splice variants resulting from these procedures are shown in the Sequence Listing as SEQ ID NOS: 1653-1745.

Table 1 shows the various tissue sources of SEQ ID NO: 1653-1745.

The homology for SEQ ID NO: 1653-1745 were obtained by a BLASTP version 2.0a1 19MP-WashU search against Genpept release 118, using BLAST algorithm. The results showed homologues for SEQ ID NO: 1653-1745 from Genpept. The translated amino acid sequences for which the nucleic acid sequence encodes are shown in the Sequence Listing. The homologues with identifiable functions for SEQ ID NO: 1653-1745 are shown in Table 2 below.

Using eMatrix software package (Stanford University, Stanford, CA) (Wu et al., J. Comp. Biol., Vol. 6 pp. 219-235 (1999) herein incorporated by reference), all the sequences were examined to determine whether they had identifiable signature regions. Table 3 shows the signature region found in the indicated polypeptide sequences, the description of the signature, the eMatrix p-value(s) and the position(s) of the signature within the polypeptide sequence.

Using the pFam software program (Sonnhammer et al., Nucleic Acids Res., Vol. 26(1) pp. 320-322 (1998) herein incorporated by reference) all the polypeptide sequences were examined for domains with homology to certain peptide domains. Table 4 shows the name of the domain found, the description, the p-value and the pFam score for the identified domain within the sequence.

The nucleotide sequence within the sequences that codes for signal peptide sequences and their cleavage sites can be determine from using Neural Network SignalP V1.1 program (from Center for Biological Sequence Analysis, The Technical University of Denmark). The process for identifying prokaryotic and eukaryotic signal peptides and their cleavage sites are also disclosed by Henrik Nielson, Jacob Engelbrecht, Soren Brunak, and Gunnar von Heijne in the publication " Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites" Protein Engineering, Vol. 10, no. 1, pp. 1-6 (1997), incorporated herein by reference. A maximum S score and a mean S score, as described in the Nielson et as reference, was obtained for the polypeptide sequences. Table 5 shows the position of the signal peptide in each of the polypeptides and the maximum score and mean score associated with that signal peptide.

5.5.2 EXAMPLE 7

Novel Nucleic Acids

Using PHRAP (Univ. of Washington) or CAP4 (Paracel), a full length gene cDNA sequence and its corresponding protein sequence were generated from the assemblage. Any frame shifts and incorrect stop codons were corrected by hand editing. During editing, the sequence was checked using FASTY and/or BLAST against Genbank (i.e., dbEST version 119, gb pri 119, UniGene version 119, Genpept release 119). Other computer programs which may have been used in the editing process were phredPhrap and Consed (University of Washington) and ed-ready, ed-ext and gc-zip-2 (Hyseq, Inc.). The full-length nucleotide, including splice variants resulting from these procedures are shown in the Sequence Listing as SEQ ID NOS: 1746-1768.

Table 1 shows the various tissue sources of SEQ ID NO: 1746-1768.

The homology for SEQ ID NO: 1746-1768 were obtained by a BLASTP version 2.0a1 19MP-WashU search against Genpept release 119, using BLAST algorithm. The results showed homologues for SEQ ID NO: 1746-1768 from Genpept. The translated amino acid sequences for which the nucleic acid sequence encodes are shown in the Sequence Listing. The homologues with identifiable functions for SEQ ID NO: 1746-1768 are shown in Table 2 below.

Using eMatrix software package (Stanford University, Stanford, CA) (Wu et al., J. Comp. Biol., Vol. 6 pp. 219-235 (1999) herein incorporated by reference), all the sequences were examined to determine whether they had identifiable signature regions. Table 3 shows the signature region found in the indicated polypeptide sequences, the description of the signature, the eMatrix p-value(s) and the position(s) of the signature within the polypeptide sequence.

Using the PFam software program (Sonnhammer et al., Nucleic Acids Res., Vol. 26(1) pp. 320-322 (1998) herein incorporated by reference) all the polypeptide sequences were examined for domains with homology to certain peptide domains. Table 4 shows the name of the domain found, the description, the p-value and the PFam score for the identified domain within the sequence.

The nucleotide sequence within the sequences that codes for signal peptide sequences and their cleavage sites can be determine from using Neural Network SignalP V1.1 program (from Center for Biological Sequence Analysis, The Technical University of Denmark). The process for identifying prokaryotic and eukaryotic signal peptides and their cleavage sites are also disclosed by Henrik Nielson, Jacob Engelbrecht, Soren Brunak, and Gunnar von Heijne in the publication " Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites" Protein Engineering, Vol. 10, no. 1, pp. 1-6 (1997), incorporated herein by reference. A maximum S score and a mean S score, as described in the Nielson et as reference, was obtained for the polypeptide sequences. Table 5 shows the position of the signal peptide in each of the polypeptides and the maximum score and mean score associated with that signal peptide.

5.6.2 EXAMPLE 8

Novel Nucleic Acids

Using PHRAP (Univ. of Washington) or CAP4 (Paracel), a full length gene cDNA sequence and its corresponding protein sequence were generated from the assemblage. Any frame shifts and incorrect stop codons were corrected by hand editing. During editing, the sequenee was checked using FASTY and/or BLAST against Genbank (i.e., dbEST version 120, gb pri 120, UniGene version 120, Genpept release 120). Other computer programs which may have been used in the editing process were phredPhrap and Consed (University of Washington) and ed-ready, ed-ext and gc-zip-2 (Hyseq, Inc.) . The translated amino acid sequences for which the nucleic acid sequence encodes are shown in the Sequence Listing. The full-length nucleotide, including splice variants resulting from these procedures are shown in the Sequence Listing as SEQ ID NOS: 1769-1786.

Table 1 shows the various tissue sources of SEQ ID NO: 1769-1786.

The homology for SEQ ID NO: 1769-1786 were obtained by a BLASTP version 2.0al 19MP-WashU search against Genpept release 120 and the amino acid version of Geneseq released on October 26, 2000, using BLAST algorithm. The results showed homologues for SEQ ID NO: 1769-1786 from Genpept. The homologues with identifiable functions for SEQ ID NO: 1769-1786 are shown in Table 2 below.

Using eMatrix software package (Stanford University, Stanford, CA) (Wu et al., J. Comp. Biol., Vol. 6 pp. 219-235 (1999) herein incorporated by reference), all the sequences were examined to determine whether they had identifiable signature regions. Table 3 shows the signature region found in the indicated polypeptide sequences, the description of the signature, the eMatrix p-value(s) and the position(s) of the signature within the polypeptide sequence.

Using the pFam software program (Sonnhammer et al., Nucleic Acids Res., Vol. 26(1) pp. 320-322 (1998) herein incorporated by reference) all the polypeptide sequences were examined for domains with homology to certain peptide domains. Table 4 shows the name of the domain found, the description, the p-value and the pFam score for the identified domain within the sequence.

The nucleotide sequence within the sequences that codes for signal peptide sequences and their cleavage sites can be determine from using Neural Network SignalP V1.1 program (from Center for Biological Sequence Analysis, The Technical University of Denmark). The process for identifying prokaryotic and eukaryotic signal peptides and their cleavage sites are also disclosed by Henrik Nielson, Jacob Engelbrecht, Soren Brunak, and Gunnar von Heijne in the publication " Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites" Protein Engineering, Vol. 10, no. 1, pp. 1-6 (1997), incorporated herein by

reference. A maximum S score and a mean S score, as described in the Nielson et as reference, was obtained for the polypeptide sequences. Table 5 shows the position of the signal peptide in each of the polypeptides and the maximum score and mean score associated with that signal peptide.

Table 6 is a correlation table of all of the sequences and the SEQ ID NOS.

TABLE 1

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
adult brain	GIBCO	AB3001	9 19-21 50-51 65-66 72 78 80 82 85 87 107-108 113 116 123 138 140 150-152 159 169 177 192-193 202-203 212-214 225-226 235-236 251 258 268-269 272 280-281 295 298 301 321 326 331-332 334 356-357 362 369 379 382-383 416 423 443 459-460 473 475 477 488 496 500 503 519 526 547 574 582 587 608-609 613 618 633-634 645-646 652 657-658 660 669-671 678 687 695 697 710 715 724 731 775-777 796 804 811 857-859 862 869 899-900 912 919 922 924-929 933 936 962 979 988-989 996 1001 1004-1008 1018 1039 1047 1059 1064 1067 1070 1078 1082 1107 1113 1116-1117 1131 1134-1137 1140 1149 1151 1157 1180 1206 1220 1234 1241 1243 1258 1272-1273 1279 1288-1290 1294 1307-1308 1312 1320 1323 1330 1356 1360-1361 1368 1373-1375 1379 1391 1400 1417 1446 1468 1482 1493-1494 1501-1503 1506-1507 1512 1517 1522-1524 1530-1533 1537 1549 1565 1578 1598 1606 1608 1623 1625 1627 1639 1643 1648-1649 1653 1664 1667 1671 1696 1734 1741 1743-1744 1760-1761 1771
adult brain	GIBCO	AB0003	3 12-14 18-19 25 30-31 34-35 43-45 50-51 56 58 60 65-66 68-69 80 82 85 87 92 104 107-108 112-113 115-116 123-124 131-132 135-137 139 142 146 148-149 152 154 157 159 163 165 167 169 172 180 192-193 195-197 199 203 208 210 212-214 223 233 235-237 247 257 259 261 268-269 272 276 280-281 284-288 291-292 295 297 300-301 304 307 317 320-321 323 327 329-331 333-334 345-349 356-357 379-381 393 401 408 414 419 424 426-428 430 433-436 438-439 443 445 449 453-454 459-461 468 471-473 476-478 483 491 494 496 500 503 507-508 516 519-520 525-527 534 536-540 542-543 545 553 555 560 569-570 574-576 586-588 593 595 597 601 606-609 616-620 622-623 625 628-633 635-636 643 645-649 653 655-656 660-665 668-670 676 681 687 701 710 715 717 724-728 735 743 745-746 750 753 759 765-766 773 775-778 786 789 796 799-800 802-803 810-811 815 817 820-821 832 834-836 840 845-847 851 858-861 864 869 874 878 883 897 901-902 904-905 908 911-914 916 921-922 924-927 929 932-934 936-939 941-942 945 955-958 963 966-969 977 979-980 985-986 990 992-993 997-1001 1005-1007 1012 1017-1020 1023-1024 1029-1031 1034 1036 1039 1050 1059 1063-1066 1078 1081-1082 1085-1086 1089

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1097 1103 1107 1109 1112 1116-1117 1119 1121 1124 1127 1130 1134 1144-1145 1149 1151 1157-1158 1167 1170 1178 1184 1188 1190 1193-1194 1200 1202 1215-1217 1220 1226-1227 1229 1231 1241 1243 1247 1252 1258 1263 1267 1269 1279 1281 1284 1286-1289 1293-1294 1306-1307 1312 1316-1320 1326 1333 1338 1341 1344 1348 1351 1355-1357 1368 1374 1377 1380 1386 1389-1390 1394 1400 1409 1414 1422-1423 1425-1427 1437 1443 1446 1454 1456 1458-1459 1468 1470-1472 1478 1482-1483 1487-1488 1493 1497 1499 1506 1508-1511 1517 1522-1524 1530-1533 1545-1546 1548-1550 1552 1557-1559 1563 1565 1567 1569 1571 1586 1588 1591 1593 1595 1598-1601 1608 1611 1620-1621 1624-1626 1628 1630-1632 1636 1640-1641 1644-1645 1647 1649 1653-1655 1657 1664 1667 1669 1673 1678-1681 1686 1690 1694-1696 1701 1709 1711 1719 1722-1723 1726-1727 1731-1733 1738 1740 1743-1744 1747 1749 1753 1757-1758 1760-1761 1765 1771 1785
adult brain	Clontech	ABR001	9 29 68-69 113 115 146 152 206 223 245 277 307 320 324 330-331 344 348 352 362 379 384 393 404 408 414 441-442 454 469 481 490 506 517 586 597 631 641 659 691 715 799 803 833 865 871 875 880 882 908 920 937 1000 1005-1006 1027 1036 1041 1043 1075 1107 1112 1121 1127 1136-1137 1144-1147 1231 1238-1239 1280 1293 1320 1345 1355 1361 1383-1384 1400 1417 1448 1456 1476 1507 1570 1572 1609-1610 1614 1620 1626 1645 1653 1754 1759 1770 1786
adult brain	Clontech	ABR006	5-8 15-16 168 212-213 271 278 280-281 291-292 300-301 310 314 321 326 336-338 341 352 357 359-360 362 369 374 379 384 393 396-397 414 419-420 426-428 430 441-442 453 506 616-617 661 669 785 798 845 1018 1109 1113 1124 1148 1167 1187 1207 1227 1262 1265 1285 1312 1317-1319 1324-1327 1344 1369 1381 1400 1416 1421 1427 1430-1431 1436 1471 1501 1557-1559 1586 1588 1651 1653 1664-1665 1671 1673 1690 1697-1698 1700 1711 1717 1719-1720 1728 1736 1740 1743-1744 1757 1760-1761
adult brain	Clontech	ABR008	5-10 13-19 22-23 25 29 33 37-39 43-45 50-51 54-55 57-58 60-66 68-70 72 75 77-80 83 85 89-92 94 99-105 108-110 112-113 115-117 123 128 133 135-137 139 143 145-146 148 152 154-155 157 166 168-172 174-175 181-184 188-190 193-194 196 198-200 202 204-205 207-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			208 210 214-215 218 231-236 229 231-232 234-241 245-247 251-253 255 257-259 268-269 271 276-281 285-286 288 290-292 300-302 304 307 309-311 313 315 317-318 320-322 325-326 328 330-331 333-338 341 344-347 349 352 354 356-357 362 369-373 376 379-380 382 384 387 390-391 393-394 397 399-403 405-411 414-415 417-420 426-428 437-438 440-444 453-455 462 464 467 469-471 476 478 482-484 488-491 497 503 506-513 516-517 520 524-526 528-530 532-534 537-540 542 544 547-551 553 561 565-567 572-574 577 581 585 587-588 590-591 597 599 601-602 606-610 612 615-617 619-620 622-623 628-629 631 633-634 636-641 643 645-647 651-653 655-664 669-671 673 679 682 687 689 691-700 702 706 710 715-717 720-721 725-734 736-739 742-743 746 750-752 756 758-759 762-764 766 768 773-778 780-782 784-785 787-789 794 796 799 802-803 805 811 814-815 818 825-826 834-837 839-840 842-843 856-859 861-862 865 867-872 874-875 881 883-884 887 889-892 894-895 897-898 901 904 908 910 912 914 917 919 921-924 926-927 930-932 935-941 943 945 949 953-954 958 961-963 967 969 971 975 977 981-983 986 988-990 992 997 999-1002 1004-1006 1008 1012 1018-1023 1027 1029-1031 1035-1037 1047-1048 1053 1057 1059 1063 1068 1070 1072-1075 1077 1081-1083 1085-1093 1095-1096 1108-1112 1114-1125 1127 1131-1133 1135-1138 1142-1145 1148-1158 1160-1163 1167 1169 1172 1175 1177 1180 1183-1188 1191-1195 1199-1200 1204 1206 1211 1213-1216 1222-1223 1226-1227 1229-1231 1234-1235 1241-1242 1244-1263 1266 1269-1271 1276-1277 1279-1281 1284-1286 1292 1294-1295 1299 1305-1309 1312 1314 1316-1319 1322 1324-1327 1330 1332 1334-1335 1339 1344-1346 1351 1354-1355 1357-1358 1365-1367 1369-1370 1373-1374 1376-1379 1381-1384 1386-1388 1392 1394 1396-1397 1400 1403-1407 1410 1414 1419-1420 1423 1432-1433 1435 1437-1438 1440-1442 1446 1448 1453-1455 1457 1461 1467-1464 1466 1468 1471 1477 1480 1482-1483 1496 1502-1504 1507-1509 1513 1519-1520 1524-1526 1536 1547 1549-1552 1567 1573-1574 1578 1586-1589 1597-1598 1601-1602 1605 1607-1609 1611-1617 1619-1621 1623 1625-1626 1635-1641 1643-1645 1649 1651 1653 1656-1658 1664 1669 1671-1674 1676-1684 1686 1689-1690 1694-1696 1704-1705 1708-1709

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1720-1724 1726-1728 1730-1733 1737-1740 1742-1745 1753 1756-1757 1759-1761 1765 1767 1771-1772 1776-1777 1779-1780 1786
adult brain	Clontech	ABR011	24 75 103 186 210 310-311 364-365 508 623 710 937 1002-1003 1059 1204 1609 1731-1732
adult brain	BioChain	ABR012	46 182-184 204-205 300 739 767 1371 1549 1620 1684
adult brain	Invitrogen	ABR013	185 204-205 364-365 393 497 595 687 692-694 830 845 1068 1320 1413 1640
adult brain	Invitrogen	ABR014	187 301 357 364-368 375 454 463 731 859 939 983 1073 1262 1270 1320 1403 1640 1651 1657 1696 1722 1738
adult brain	Invitrogen	ABR015	419 434-435 441-442 763 789 983 1320
adult brain	Invitrogen	ABR016	312 364-365 379 1320 1334-1335 1674 1722 1785
adult brain	Invitrogen	ABT004	14-16 22-23 25 37-39 43 58 60 70-72 78 86 94 107 113 116 136-137 143 146 152 161 173 182-184 194 196 198 210 218 229 259 267 295 298 309-310 320-321 324 336-338 346-347 349-350 356-357 362 371 379-380 382-383 391 393 396 399 401 408 428 438 459 461 476 482 490 502 507-509 515 526 531 557 562 597 602 607-609 624 652 655 667 669 671-672 687-689 695-696 710 712 715 721 732 739 743 750 753 766 778 780-781 789 803 814 826 830 837 841 857 869 874 894-895 925 937 949 954-956 960-961 963 968-969 988-989 1000 1005-1006 1016-1019 1021 1036-1037 1052 1086 1090 1109 1113 1115 1120-1121 1123-1124 1136-1137 1140 1144-1147 1151 1167 1170 1174 1188 1193-1194 1205 1225 1229 1231 1254 1258 1262 1280 1285 1309 1312 1334-1335 1341 1343-1344 1356-1357 1370 1378-1379 1383-1384 1403-1404 1423 1429 1434 1442 1448 1451-1452 1454 1470-1472 1482 1499 1525 1528-1529 1532 1536 1547 1554 1557-1559 1561-1562 1567 1585 1588 1590 1595 1601-1604 1608 1610-1613 1615 1619 1624 1627 1640 1644 1647 1660 1664 1666 1670 1675 1696 1704 1715 1723 1727 1738 1760-1761 1768 1779 1785-1786
cultured preadipocytes	Strategene	ADP001	5-8 11 17 25 68-69 80 82 87 103 105 110 116 136-138 168 171 188-189 196-198 261 267 276 288 293 301 318 331 336-338 379-380 391 400 428 430-431 510-512 520 524 527 549 557 561 602 616 620 622 631 637 647 670 681-682 710 731 748 782 793-794 817 834-836 843 845 858-859 879 882 893-895 934 960 982 986 995-996 1000 1002 1005-1007 1025 1027-1028 1032 1039 1045 1071 1078 1097 1099-1102 1136-1137 1140 1219-1220

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1260 1271 1297-1298 1314 1320 1322 1329 1339 1345 1365-1366 1370-1371 1398 1408 1423 1431 1437 1466 1468 1533 1539 1594 1602 1608 1614 1631 1649-1650 1660 1662 1673 1687-1688 1696 1711 1719-1720 1742 1746 1749 1760-1761 1765 1767 1771 1785
adrenal gland	Clontech	ADR002	4-10 15-16 25 29-31 43-45 47 50-51 55 60 62-63 65-66 75 80 102 116 118 122 126 130 137 150 169-170 181 192 198 201-203 215 227-228 247 251 255 267-269 271 280-281 285 295 298 311 336-338 342 349 351-352 354 372-373 383-385 391 400 410 415-416 424 426-427 431 434-437 439 445 454 461 473 477 483 491 493 497-498 503 516 519 527 535 546 549 552 572-573 581 588 595 600 602 608-610 620 628-630 637 645-646 670 679 703 713 715 719 732 734 744-746 758 773-778 789 816 829 837 845 848 869 875 883 898 904 912 922-923 930-931 942 948 952 965 967 969 976-977 981 990 992-993 1001 1004 1049 1055 1059 1071-1072 1076 1112-1113 1115 1121 1127 1134-1135 1151 1158 1163 1175 1181 1188 1209 1218 1224-1225 1227 1231 1243 1270-1271 1274 1280 1285 1290 1293 1307 1324-1325 1327 1330 1342-1343 1345 1348 1365-1366 1369 1378-1379 1387 1398 1400 1405 1417 1425-1426 1436 1440-1441 1444 1454 1463-1464 1488 1491 1507 1512 1538 1546 1567 1573-1575 1588 1598 1609 1614 1618 1622 1624 1627 1634 1636 1649 1651 1658 1671 1674 1678-1679 1691-1692 1703 1717 1727 1731-1732 1737 1765
adult heart	GIBCO	AHR001	4-8 10-11 15-16 18-21 34-39 44-46 50-52 57-58 60 62-63 71 75 82 85 87 89 94 97 100 103-104 108-110 112 114 116 118-119 122-123 127 130-132 134 136-138 141-144 147-151 153 163-164 168-171 179 186 192 195 197 199 204-205 212-215 220 225-226 229-230 232 234-236 251 257-260 262 265 272 274 277 280-282 285-286 289-295 296 298-301 304 307 309 314 321 324-325 330 333 336-338 345 349 351-352 354 358 361 368 370 380 383-384 387-388 391 393 397 401 406 408-409 411-412 414-416 430-431 433-439 445-446 449 452 454-455 457 459 462 469 472-473 476-480 483-484 487-490 492-493 496-498 503 506 508 510-513 516 519-522 526 534 536-540 542 546 549 553 560-562 574-577 581-582 584 586-587 589 593 595 597 606-609 611-612 615-620 622-623 626 632 637 645-652 656-660 665-666 670-672 674-675 683-684 687 692-694 697 701 709 712 715-716 719-720 725-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			726 728 730-732 735 738-739 743-744 746 751 753 759 761 765 770-771 775-780 785 788-790 796 802 804 810 812 817 821 826 828 830 837 843 845-847 849-853 857-861 863-864 869 871 875 877-879 881 883 887 890-892 894-895 897-898 901 903 906-907 911-913 915 919 921-925 927-928 933-935 945 958 961-963 967 969-972 975 977-978 980-986 990 992 999-1002 1005-1007 1010 1016 1019-1020 1022-1023 1025 1028-1037 1039-1040 1043 1047 1050 1054-1055 1057 1059 1063-1064 1067-1068 1070 1072 1075-1076 1083 1085-1087 1089 1093-1094 1104 1106 1108-1109 1113 1116-1117 1119 1121 1124 1126 1128 1131-1134 1144-1145 1148-1149 1151 1158 1167 1169-1170 1175 1177 1192 1196 1199-1200 1202 1206-1208 1211 1216 1218 1222 1227-1229 1232-1235 1238-1241 1243-1244 1247-1248 1250 1253-1254 1256-1258 1261 1268 1270-1271 1277 1280-1282 1287 1292 1298-1299 1306 1308 1317-1321 1324-1325 1330 1332 1334-1337 1339 1344-1345 1349-1350 1354-1356 1359-1360 1365-1366 1369 1371 1374-1375 1378-1380 1383-1384 1389 1397 1400 1403 1409 1417 1423-1426 1437 1439 1442 1444 1446-1447 1450 1453 1468 1470 1473 1479 1481 1488 1490 1501-1504 1519 1521 1524 1528 1530-1534 1536-1537 1539 1541-1542 1547 1553 1555 1560 1565 1567-1571 1588 1591 1597-1598 1601-1602 1605 1614-1616 1619-1620 1623-1628 1630-1632 1634 1636 1641 1644-1645 1647 1649 1652-1655 1659 1662 1667 1673-1674 1680-1681 1684 1686-1688 1704-1705 1709 1711-1712 1717 1724 1726-1727 1731-1733 1737-1738 1741 1743-1744 1749 1754-1755 1760-1761 1765 1772 1785
adult kidney	GIBCO	AKD001	4-8 10-11 17-21 29-31 35-39 42-45 50-51 56-58 60-61 64 68-69 75 77 80 82 85 87 92-94 97 100 102-104 107-108 112 116-117 119 123 127-133 136-137 139-141 143-144 147-154 157 161-163 165-166 169 172 176 178-179 192 194-197 199 201 203-206 209-210 212-213 215-216 223-228 234-236 238 247 251-253 257-259 261-262 265-269 271-272 274 276-277 279-281 284-286 290 293 296 298-299 301-302 304 307 311-313 321 325-326 329-331 333 341 344 348-350 352 356 358-359 362 364-365 368 370-372 374 376-377 380-382 392 395 398 400-401 404 407-409 414-415 423-424 430-437 443-444 446 449 451 453-455 459 461-462 464 467 469 471-474 476-477 480-481 483 487-488

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			490-491 493 497-505 510-513 518-520 522 524 526-529 534 537-540 544 547 549 554-556 560 562 564 567 571-576 578 582 586-589 592-593 598-599 601 604-606 608-613 615-619 621-626 632-634 637-643 645-652 655 660-664 669-672 676 678-679 688 692-695 698 702 711 713 717 719-720 727 731 735-736 738 743 745-746 751 753 755 762-763 765 771-773 775-778 780 785 788 793 795-796 800 803 805 808 810-812 814-819 821 826 829 832 834-838 842-845 848-855 857-861 864-865 867 869 871 874 876-883 886-887 889-891 893-896 898-900 902 906-908 910-914 918 920 922 925-927 929-935 937 940-942 945 948-949 951 953-958 960-961 963-964 969-970 972 976-978 982-985 988-990 992-993 995-997 999-1002 1004-1008 1010 1012-1013 1016-1017 1019-1020 1022 1025-1031 1035 1038-1040 1042 1044 1047 1050 1054-1055 1057-1064 1068 1070-1073 1078 1085-1086 1088-1089 1092 1094 1097 1099-1102 1107 1109-1112 1116-1119 1121 1123-1125 1132-1135 1140 1142-1143 1146-1147 1149-1150 1153-1154 1157 1159 1163 1167 1170 1178-1179 1181 1183 1192 1196-1200 1202-1204 1206-1211 1216-1219 1221-1222 1225 1227-1230 1232-1234 1238-1241 1243-1244 1246-1247 1253 1257-1258 1260-1261 1267-1268 1270 1272-1274 1281 1283 1287-1289 1293-1295 1299 1306 1308 1311-1313 1317-1320 1323 1329-1330 1334-1335 1339 1341 1349-1350 1353-1357 1359 1367 1369 1373 1375 1378-1379 1394 1397 1400 1403 1405 1407-1409 1417 1419 1423-1424 1428-1431 1433 1437-1438 1442-1443 1445-1446 1448-1450 1453-1454 1459 1461 1465-1468 1474-1475 1478 1484-1488 1490 1492-1493 1495 1497-1498 1506-1507 1509 1512 1518 1521-1522 1525 1527-1528 1532-1533 1537 1540-1541 1547-1550 1552 1556-1559 1561 1565-1566 1568 1571 1575 1578-1579 1583 1586-1587 1589 1591-1592 1594 1598 1600 1603-1604 1606 1608 1611 1613 1615-1616 1618-1622 1624-1628 1631-1632 1634-1636 1638-1639 1641 1644 1646-1649 1653-1656 1662 1664 1666-1667 1670-1671 1676-1679 1683-1684 1686 1691-1692 1696-1699 1701 1709-1711 1713-1714 1716-1719 1723-1724 1726-1727 1733 1737-1738 1741 1743-1744 1748-1749 1751 1760-1761 1763-1768 1778 1780 1785
adult kidney	Invitrogen	AKT002	20-21 37-39 47 52 57 60 65-66 68-69 80 104 107-108 122 130 133 136-137 140 142-143 149 169 174

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			181 197 227-228 235-236 244 251 261-265 267 280-281 286 290 299 301 304-305 309 312-313 339 341 344-345 349 358 370-372 376 382-383 387 392 401 414 416 421 430 443 445 449 453-454 472 487-488 504 506 513 516 519 522 528 536-540 546 554 585 587 594 598 602 607 616-617 626-627 636 643 662-664 695 709 721 735 743 761 768 775-777 788 796 804 814 827 837-838 849-850 852-853 869-870 881 890-892 898 903 905-907 914 919 925 927 934 941 949 952 957 960 962 968 970 1000 1008 1029-1030 1044 1052 1055 1063 1067-1068 1073 1085 1099-1102 1107 1110-1111 1113 1115 1119 1126 1134 1136-1137 1146-1148 1153 1159 1192 1196 1199 1232-1233 1241 1256 1264 1272-1273 1281 1285 1293-1294 1299 1312 1320 1324-1325 1330 1344 1349 1351 1355-1356 1369 1378-1379 1403 1414 1419 1428-1429 1436 1446 1458 1463-1464 1467-1468 1470 1477-1478 1486 1491 1509 1519 1527 1529 1534 1547 1596 1600 1619 1623 1629 1631 1634 1638 1643 1647 1652 1660 1664 1667 1669-1670 1673 1686 1709 1727 1740 1776
adult lung	GIBCO	ALG001	4-8 14 37-39 44-46 50-51 56 62-63 75 82 88 93 103-104 113 125 133 140 143 150 152 154 157 162 171-172 174-175 190-191 196 200 211 214 219 223-224 227-228 251-252 256 265 272 274 280-281 285 310 332 345 351 362 371 381-382 394 408-409 431 436 445 454 459 461 467 469 471 476-477 488 504 513 527 537-540 544 547-548 554 564 583 607 616-617 621 623-624 634 645-646 662-664 670 695 716 719 743-744 763 766 774 789 803 811 814 817 831-832 837-838 845 852-853 858-859 861 866 880 887 901 905 941 954-957 966 971 977 979 981 987 990 992 996 1001 1005-1006 1014 1017 1045 1047 1054 1059 1062 1064 1072 1080 1086-1089 1094 1107 1126 1134 1136-1137 1142 1150 1157 1173 1190 1200 1208 1220 1241 1272-1273 1280 1282 1295 1306 1320 1331-1332 1353 1374 1379 1383-1384 1404 1409 1423 1434 1436 1442 1474 1478 1494 1509 1522 1525 1531-1532 1547 1549 1553-1554 1571 1598 1606 1611 1624 1627-1629 1632 1642 1644 1662 1669 1676-1677 1684 1696 1727 1731 1732 1737-1738 1748-1749 1786
lymph node	Clontech	ALN001	4 24 50-51 82 105 137 153 198 201 223-224 234 268-269 272 280-281 287 301 312 329 343 382 421 430 433 445 451 461-462 475 481-482 503 526 529 537-540 546-547

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			621 626 649 679 719 725-726 738 793 803 831 834-836 838 844 857-858 866 879 905 913 928 963 976 1005-1006 1012 1038 1050 1116-1117 1151 1199 1204 1226 1243 1265 1274 1324-1325 1339 1353 1374 1377 1440-1441 1447 1504 1549 1600 1618-1619 1631 1641 1644 1653 1687-1688 1691-1692 1741 1771
young liver	GIBCO	ALV001	5-8 11 20-21 46 50-51 58 65-66 75 79 82 93 97 102-103 108 110 116 139 143-144 148-149 171-172 174 187-189 194-195 198 209 214-215 230 250 258 267-269 280-281 306 309 342 351 356 359 362 372 374 392 394 398 401 407-408 410 414 431 444 455 459 476 478 483 493 510-512 516 520 522 526 536 549 571 574-577 585 592 601-602 607 621-624 628-630 632-633 637 648 660 666-667 678 697-698 700 717 719 728 730 734 738 744-745 766 770 773 779 788 800 808 812 814 841 849-851 871 874 879 887 893 898-900 902-904 906-907 911 919 922 924 934 953 957 963 965 970 984 986 997 1001 1004 1007 1012 1029-1030 1033-1034 1052 1061 1066 1070 1076 1086 1089 1093 1099-1102 1110-1112 1116-1117 1119 1121 1125 1136-1137 1144-1145 1156-1157 1159 1196 1199-1200 1209 1211 1219-1220 1241 1244 1262 1270 1275 1279 1283 1295 1317-1320 1332 1339 1344 1359 1362-1363 1379 1383-1384 1403 1415 1430-1431 1437 1450 1467 1475-1476 1483-1484 1494-1495 1498 1505 1512 1516 1518-1519 1526 1529 1547 1550-1552 1557-1559 1565 1583 1587 1597 1609 1614 1620 1631 1637 1641 1644 1654-1655 1662 1667 1669 1684 1691-1692 1702 1711 1725 1738 1741 1743-1744 1758 1760-1761 1763-1765 1769
adult liver	Invitrogen	ALV002	5-8 17 20-21 32-33 41 55 58 64 75 77 86 89 102 108 117 119 175-176 198 200 209 231 235-236 250 272 275-276 284 306 316 321 325 333 356 359 374 376 398 401 408 414 428 430 433-435 454 476 494 503-505 517-518 528 534 544 552 561-563 567 578 581 608-609 630 632 637 644 650 661 665 672 702 707 710 721-722 750 753 778 782 794 814 820 826 834-837 847 849-850 858 861 874 879 893 898 904 911 918 921-922 926 946 948 972 978 986 996 1020 1027 1031 1034 1053 1063 1068 1070 1073 1086 1089 1093 1097 1113 1119 1156 1159 1195 1198-1199 1208 1220 1227 1241 1261 1272-1273 1277 1285 1308 1315 1320 1324-1325 1330 1362-1363 1375 1403 1408-1409 1415 1431-1432 1435 1467 1469 1482 1504 1524 1542 1547

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1550 1567 1578 1581 1583 1594 1597 1601-1602 1611-1612 1615 1618-1619 1621 1625 1637 1645 1647 1652 1654-1655 1660 1666 1669-1671 1684 1706 1722 1737-1738 1742-1744 1760-1761 1763-1765 1772 1774
adult liver	Clontech	ALV003	29 676 997 1063 1119 1536 1766
adult ovary	Invitrogen	AOV001	1 4-18 20-23 29 35-40 42-48 50-51 53-58 61-63 65-66 68-69 73-75 77-78 80 82 85 87 89 97 100-101 103-104 106-108 110 113 115 118 122-124 126 128 133-134 136-140 142 145-147 149-157 161 166 168-170 174 177-178 180 182-186 188-189 192-203 207 209 211-215 219 221-224 229-230 234 242-243 246-247 255 258 260-262 265-269 271-272 274 277-281 284-286 288 290 295 299 301-302 304 307 309-311 313-314 316 321 323-326 330 332-333 335-338 341 344 349 352-353 356 358 360 362 370-372 376-377 379-384 387 390-392 394 397-398 400 403 408-410 412 414-416 423-424 426-427 430-435 439 443-446 448-449 451 453-455 462-463 468-471 473 476-479 481-484 487 489-494 496-497 499-501 503-505 509-514 516-517 519-520 522 524 526 528-534 541-544 546-547 549 552 554-555 561-564 566-567 569-570 572-573 575-576 579 581 583 585-588 590-591 593 595 597 599 601-605 607-613 615 618-622 624-627 630 632-633 636-640 642 644-647 649-652 654-655 657-665 667-675 677-678 681 683-684 692-695 697-710 714-721 723 725-727 729 732 734-735 743-746 750-751 753 758 763 765 767 772-773 775-778 780 783-784 786 788 790-791 794-796 800 803 805 809-811 813-815 818-819 821-824 826 828-829 831-832 837-838 843-850 852-857 859-864 867 869 871-872 874-875 878-883 887-888 890-895 898-910 912-914 916 919-922 924 926-927 929-939 941 943-946 948-951 953 955-958 961-964 966-967 970-979 981-982 985-986 988-990 992 995-997 999-1001 1004-1009 1011-1013 1016 1019-1020 1024-1025 1029-1031 1033-1035 1037 1039 1041-1047 1050-1051 1054-1060 1062-1064 1067-1070 1072-1073 1075-1076 1078-1079 1085-1086 1089-1090 1094-1096 1098-1103 1106-1108 1112-1117 1119-1120 1123-1127 1131-1135 1142-1143 1146-1149 1153 1156 1158 1163 1165-1166 1169-1171 1173-1175 1177-1178 1180 1183-1185 1190-1191 1195 1197-1200 1202 1205-1214 1217-1219 1221-1226 1232-1235 1238-1241 1243-1244 1247 1249 1252-1254 1256-1258 1262 1265 1267-1268 1270 1275 1278 1280-1283 1286-1289 1291 1293-1294 1298-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1299 1306 1308 1312 1317-1321 1323 1327 1329-1330 1332-1333 1338-1339 1341 1343-1351 1356 1359 1361 1365-1366 1371-1375 1377-1379 1383-1384 1386 1389 1394 1400 1404 1416-1417 1422-1427 1429-1431 1435-1436 1439-1443 1445-1450 1453-1454 1459 1463-1464 1466 1468 1470 1474-1481 1484-1485 1488 1491 1493-1494 1496-1498 1501-1504 1506-1507 1511-1517 1519 1521-1524 1526-1527 1530-1531 1534-1536 1538-1539 1541 1546 1548-1550 1553 1555-1559 1561-1563 1566-1567 1569-1570 1572 1574-1575 1578 1580-1581 1587-1588 1590-1591 1595 1597-1598 1600-1608 1609 1611-1621 1623-1630 1634 1636 1638 1641 1643 1645 1647-1657 1659-1662 1664 1667 1669-1671 1673-1674 1676-1681 1683-1690 1699 1702-1707 1710-1711 1713-1714 1716-1719 1723-1724 1726-1728 1731-1733 1735 1737-1738 1740-1741 1743-1744 1748-1751 1753 1755-1756 1760-1762 1765 1767-1768 1770-1771 1776 1778-1779 1783-1784 1786
adult placenta	Clontech	APL001	5-8 44-45 90-91 107-108 159 178 311 351 414 476 503 545 574 624 636 719 755 773 860 890-891 924 947 955-956 962 990 992 1002 1045 1202 1320 1369 1628 1686 1713-1714 1743-1744
placenta	Invitrogen	APL002	14-16 26 29 43 60-61 79-80 103 106 116 135 171 177 180 194 196 198 210 216 235-236 272 290 299 309 329 334 339 359 379-380 417 423 430 434-435 448 454 483 490-491 517 522 631 723 725-726 728 738 746 769 818 843 854-855 857-858 916 948 953-954 976 988-989 1005-1006 1013 1033 1036 1064 1068 1070 1086 1139 1144-1145 1160 1277 1285 1317-1320 1343 1345 1429 1435 1438 1454 1482 1486 1490 1512 1519 1532 1549 1592-1593 1602 1626 1647 1649 1664 1673 1675 1722 1727 1730 1746 1776
adult spleen	GIBCO	ASP001	3 5-8 12 15-16 19-21 24 29 34-36 44-45 57 60 82-83 87 89 94 98-99 103 106 108 117 119-121 139 141 147 152-153 155 166 169 171 174 178-180 196 198 201-206 209-211 215 219 234 253-254 256 258 264 272 280-281 290 295 302 309 312 325 333 341 349 358 372 382 386-387 394 406 414 431 434-436 445 448 451 473 481 490-493 500 503 505 517 519 530 534 536-540 547 554 557 574-576 582 592 595 604 611-612 620-621 623 631-632 642 652 659 661 667 671 673-675 684 700 721 728 730 732 738 742-744 746 762 765 774 780 788-789 794 810-811 817 822 830 832 845 848 852-853 858 862 866 874 879 882

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			884 906-908 912 919 921-923 926-927 934 942 949 957-958 963 977-978 983 990 992-994 996-997 999 1005-1007 1010 1012 1031 1036 1042-1044 1046 1049 1059 1068 1070 1076 1089-1090 1094 1103 1109 1113 1115 1124 1140 1163 1170 1174 1177 1190 1196 1219-1220 1226-1227 1229 1236 1241 1246 1258 1269 1271 1274 1295 1301 1320 1322 1330 1334-1335 1339 1349 1351 1353 1359-1360 1364 1369 1374 1386 1397 1413 1417 1434 1436-1437 1439 1468 1474 1477 1480 1485-1487 1498 1512 1522 1525 1544-1549 1553 1560 1567 1591 1600 1631 1636 1651 1654-1655 1658 1662 1670 1674 1678-1679 1684 1686 1700 1727 1733 1738 1740-1741 1760-1761 1774 1779 1781-1782
testis	GIBCO	ATS001	5-8 10 26 30-31 47 50-51 57 58-69 82 84-85 97 102 113 119 137 139 150 152 154 156 163 169 174 176-177 192 194 196-197 212-215 227-228 247 255 258 261 282 285 288-289 301 307 311 316 330 334 349 370-372 392 398 410 415 426-427 430-431 433 437 446 454 461 469 473 477 481-482 493 499 502-503 513 522 526 547 552-553 563-564 572-573 575-576 581-582 585 599-602 605 612 615-617 620 631 637 647 649-650 656 660 665 670 674-675 712 719-721 723 728 731 738 744 746 773 780 784 788-789 802 804 809 811 814 828 831 837 843 845 848 859 866 869 877 905 913 916 919 921 926 929 937 950 960 963 971 975 977 981 990 992-993 1007 1016 1029-1030 1034-1035 1038-1039 1045 1059-1060 1064 1070 1072-1073 1087 1089 1097 1099-1102 1104 1108 1113 1141 1149 1161-1162 1175 1208-1209 1222 1227 1229 1231 1235 1238-1239 1243 1253 1295 1287-1289 1291-1293 1307 1311 1317-1320 1330 1332 1338 1345 1369 1373-1374 1379 1389 1399-1400 1409 1423-1424 1430 1435-1437 1443 1459 1484 1486 1490 1493 1496-1497 1501 1505 1509-1513 1527 1530-1531 1533 1537 1546 1549 1563 1565 1567 1569 1571 1577 1586 1591 1599 1602 1625 1628 1630-1632 1636 1639 1642 1649 1661-1662 1666-1667 1670 1675 1684 1690 1699 1705 1712 1717 1724 1730 1737-1738 1752 1767 1779
Genomic DNA from BAC 63118	Research Genetics (CITB BAC Library)	BAC001	686 1352 1412
Genomic DNA from BAC 39316	Research Genetics (CITB BAC Library)	BAC002	1411-1412

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
Genomic DNA from BAC 393I6	Research Genetics (CITB BAC Library)	BAC003	1352
acult bladder	Invitrogen	BLD001	5-8 17-18 22-23 33 37-39 56-57 80 93 100 120-121 169 201 237 251-252 272 278 311 348 363 382 423 415 424 430 443 483 502 542-543 562 564 607 616-617 626 635 652 667 671 710 727 755-756 762 773 786 788 837 840 866 893 898 909 918 929 966 977 983 1016 1025 1055 1073 1082 1140 1167 1185 1189 1199 1270 1369 1481 1536 1560 1573 1596 1614 1636-1637 1649-1650 1654-1655 1658 1669 1671 1690 1719 1727 1731-1732 1739 1741 1760-1761 1779
bone marrow	Clontech	BMD001	3-8 11 13 18 29-31 33 35-36 40 43-45 47-48 50-51 57 60 65-66 75 80 82 85 88-89 94 100 103 107 110 115 118-119 124-125 133-134 136-137 139-141 146 150 152-153 155 161 163 168-170 172 178-180 187 192-193 197-198 203-205 210-213 215 217 219 222 224-226 233 235-237 242-244 255 258 260 263-264 266 273 276 278 283 286 290 295 301-302 307 312-313 321 330 333 339 343 352 357-358 370-371 382 384-385 387 389 394 408 410 412 416 421 424-427 429-431 436-437 439 441-442 445 447 454-456 461-462 471-472 475 477-479 481-482 485 488 493 498 500 503-506 513 516 519 523-524 526 530 535-540 542 544-545 549 555 565 567 569-577 581 583-586 588 593 601 603-604 608-609 613-619 621-622 632-633 636-637 642 649-650 656-660 666 670 672 674-675 679 683 701 708 716 718-720 731 735-736 740-742 744-745 752 761 765 772-773 775-778 780 785-786 789-791 796 798 802 810-812 823-824 826 830 832-833 837-838 843-844 846-855 858-859 866-867 869 878-880 883 890-892 896 903 905 908 912-914 922-924 927 930-931 937 939-941 952-953 955-958 963 969 973 976 981 985 987 990 992 995 1000 1002 1005-1007 1013 1016 1025 1028-1031 1033 1035 1037 1039 1042 1044 1047 1050 1053-1054 1059 1061 1063 1066 1070-1071 1079 1106 1110-1113 1115-1117 1124 1126 1134-1135 1142 1144-1145 1163 1172 1178 1197 1199-1200 1202 1216-1217 1224 1227-1228 1240 1246 1254 1261 1266 1270 1278 1281 1285 1287 1290-1291 1293 1299-1301 1308 1314 1317-1320 1327 1331 1339 1343 1346 1349 1353 1356 1361 1367 1369 1372-1374 1379-1380 1394 1400 1403 1406 1408 1413 1417 1419 1423 1425-1427 1430-1431 1433 1439 1443 1446-1449 1459 1463-1464 1482 1486 1493-1494

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1506 1509 1513 1521-1522 1524 1526 1528 1531 1536-1537 1543 1546 1548-1549 1552 1554-1555 1557-1559 1571-1572 1581 1589-1592 1597-1600 1609 1614 1621 1626-1628 1630-1632 1634 1636 1638-1639 1641 1646-1647 1651 1653-1655 1661-1662 1676-1681 1684 1686 1690 1702 1707 1711 1713-1714 1717 1720 1722-1723 1727 1737-1738 1740 1758 1767 1772 1781-1702 1785-1786
bone marrow	Clontech	BMD002	11 15-16 19 30-31 35-36 68-69 75 83-84 93 99 103 108-109 118 137 139 169-170 174 177 180 190 193 212-213 219 222 225-226 232 237 255 259 264 273-274 284 286 290-292 295 301 303-304 307 312-313 316 324 326 330 334-335 348 352-353 357 360 370-373 384 386-387 397 403-404 414-416 421 425-427 429-430 433-436 440 444 451 454 465-466 472 475 478 491 493 516 520 523 525 531 545 548 552 566 569-570 581 583 590-591 597-598 601 616-617 621 641 650 652 656 659 671 674-675 679 684 710 718-719 728 734 737-738 742 761 765 774-778 790 811 814 818 830 834-836 854-855 859 866 869 871 878-879 884 889 892 904 922-923 932 990 992 998 1001 1004 1016 1036 1042 1048 1051 1054-1055 1058 1088-1089 1106 1112-1114 1155 1157 1192 1200 1223 1227-1228 1236-1237 1260-1251 1282-1283 1285 1287 1295 1314 1317-1321 1324-1327 1330 1333 1341 1343 1347 1350 1353 1355-1357 1367 1369-1370 1373 1377 1379 1381 1383-1384 1394 1397 1400 1406 1413 1417 1425-1427 1438 1442 1446 1459-1460 1470 1493 1505 1521 1536 1546-1549 1560 1573-1574 1578 1598-1600 1621 1626 1631 1634 1646 1649 1653 1656 1658 1669-1670 1683-1684 1687-1688 1690-1693 1696 1699 1702 1704 1707-1709 1711 1720 1722-1723 1725 1727 1729 1731-1733 1738-1740 1743-1746 1752 1755 1760-1761 1767 1777 1781-1782 1786
bone marrow	Clontech	BMD004	73-74 503 922 1036 1711
bone marrow	Clontech	BMD007	95-96 866 1320 1475
adult colon	Invitrogen	CLN001	17 56-58 103 110 117 144 150 171 179 185 188-189 201 204-206 210 218-221 225-226 231 237 267 277 288 310 312 320 333 359 386 388 394 408 420 455 481 485 503 510-512 590-591 615 635 647-648 665 672 684 697 710 725-726 743 780 786 788 826-827 848-850 854-855 858 866 872 898 918 921-923 953 976 983 993 1005-1006 1017 1020 1025 1027 1054-1055 1063 1068-1069 1140 1153 1170 1185 1196 1199 1220 1280 1314-1315 1320 1345 1351 1355 1369 1428 1439

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1462-1464 1512 1556 1583 1587 1594 1596 1614 1625-1626 1631 1639 1645 1650 1675-1677 1687-1688 1701 1713-1714 1724 1740 1765
Mixture of 16 tissues - mRNAs	Various Vendors	CTL016	401 1490 1686
Mixture of 16 tissues - mRNAs*	Various Vendors	CTL021	312 782 1132-1133 1403 1712 1715
adult cervix	BioChain	CVX001	1 4-8 11 13 18-21 25-26 30-31 33 37-39 43 46-47 58 61 64-66 71 73-74 82 85 94 100 103-104 113 118 122 126 130 134 140 147 153-156 163 170 179 181 186 192 195-196 198 201-202 218-219 222 229-231 257 266 276-277 285-286 288 298 301-302 304 307 312-314 324 326 329-330 332 335 342 352 358 362 371-372 376 379 381-382 384 388 398 400 410 414 416 419-420 426-427 430-431 433-436 439 446 448 461-462 464 471-477 479 482-483 491 493 496 503 506 510-513 516-517 526 530 535 542-544 546-547 557 561 572-573 575-577 581-582 585-586 588-589 593 594 600 602 604-605 607-609 612 615-619 623 644 650 654 657-658 662-665 670 672 680 683 691-694 698 706 708-709 711 713 720-721 727 729 731-732 737 745-747 753-754 760 765 771 774-777 780 790 793 796 798 800 803 805 818 825 828 831-832 834-836 843 847-848 851-855 857-860 864-866 869 871 876 878-880 882 887 890-891 897 899-902 905-908 912-913 916 918-919 922 927 932 934-938 944 948 955-956 958 963-964 967 969-970 972 976 978-979 983 985 990 992 1000 1005-1007 1016-1017 1024 1027 1033 1036 1038 1045 1047 1053-1056 1066-1067 1071 1073 1075 1079 1082 1098 1113 1124 1129 1134 1139 1146-1149 1163 1167 1170 1173 1175 1177 1181 1197 1200 1202 1211 1214 1216 1221-1222 1225 1227 1232-1234 1240-1241 1243 1258 1264-1265 1268 1270 1279 1287-1290 1308 1310-1311 1316 1320 1323 1327 1345 1349 1353-1354 1360 1372-1374 1383-1384 1386 1394 1397 1405-

* The 16 tissue-mRNAs and their vendor source, are as follows: 1) Normal adult brain mRNA (Invitrogen), 2) normal adult kidney mRNA (Invitrogen), 3) normal adult liver mRNA (Invitrogen), 4) normal fetal brain mRNA (Invitrogen), 5) normal fetal kidney mRNA (Invitrogen), 6) normal fetal liver mRNA (Invitrogen), 7) normal fetal skin mRNA (Invitrogen), 8) human adrenal gland mRNA (Clontech), 9) human bone marrow mRNA (Clontech), 10) human leukemia lymphablastic mRNA (Clontech), 11) human thymus mRNA (Clontech), 12) human lymph node mRNA (Clontech), 13) human spinal cord mRNA (Clontech), 14) human thyroid mRNA (Clontech), 15) human esophagus mRNA (BioChain), 16) human conceptional umbilical cord mRNA (BioChain).

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1406 1416 1425-1427 1431 1436-1437 1442 1446 1448 1453 1459 1466 1472 1478 1482 1496 1501-1503 1506 1512 1522 1527-1528 1531 1533 1541 1547 1569 1571 1585 1589 1597-1598 1600 1608-1609 1614-1616 1620 1623-1624 1626-1628 1630 1638 1641 1643 1649 1653 1656 1662 1667 1669 1674-1675 1683 1685-1688 1699 1702 1709-1710 1715 1717 1722 1724 1729 1731-1732 1735-1739 1741 1743-1744 1748-1749 1755 1760-1762 1767 1773 1778 1785-1786
diaphragm	BioChain	DIA002	137 282 289 730 780 986 1409 1478 1599 1614
endothelial cells	Strategens	EDT001	3 5-10 13 15-21 24-26 29 34 37-39 42 44-45 50-51 53-55 57-58 60-61 65-66 68-69 73-74 77-78 80 82-83 85 87 89 93-96 101-105 108 110 112-114 116 118-122 124 128 133-134 137-142 147-150 152-153 161-163 166-172 176-179 187 190 192 194 196-201 204-207 210 212-214 220 224 229-230 233 235-236 240-241 251-252 258 261-262 265 267-269 272 276-277 279-281 284-285 288 290 295-296 301-302 310-311 313 316 321 325 329 331-333 335 340-342 351-355 360 371 375 380-382 384 387 390 392 397 400 407-408 410 412 414 416 425-427 431 434-436 439 444-445 449 454 463-464 472-475 477-479 486 488-490 497-498 500-504 510-513 516-519 522 524 526-528 532-534 536-540 542-546 548 561-563 566-567 572-576 579 581 585-586 589 593 595 597 599 603 607-612 615-617 620 622 626 630 632-634 638-641 644 647 656-660 662-664 670 673 678 680-682 692-697 707 709-710 712-713 719 730 732 734 736 738 743-746 751 759 768 771 773 775-778 783 786-789 793 800 803 805-807 810-811 814 816-818 821-822 824 826 828-829 832 834-838 842-845 848-850 854-860 862 864 869 871 874 876-879 883 885 887 890-891 894-895 898-900 903 908 910-913 916 919-922 924 926-928 930-935 939 943 948-949 951-954 957 959-961 964 969-970 973 975-978 983-984 988-990 992-993 996-997 1000 1002 1004-1013 1016-1020 1022-1025 1028 1031 1033-1034 1038-1046 1050 1055-1056 1059-1060 1062-1064 1067-1070 1072-1074 1076 1078 1082 1086-1087 1089-1090 1093-1097 1099-1103 1107 1109-1113 1116-1117 1124-1126 1128-1131 1134-1135 1138 1140 1144-1145 1148-1149 1153 1157 1160 1163 1171 1183-1184 1198-1199 1202 1205-1207 1211 1216-1217 1219 1221 1225 1229 1232-1235 1238-1241 1243-1244 1246 1250 1253 1257-1258 1261

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1265-1266 1268 1270-1271 1274-1277 1280-1283 1285-1286 1288-1290 1293 1295 1298 1308 1312 1317-1320 1324-1325 1327 1329-1330 1334-1335 1338 1342-1343 1345-1347 1350 1355-1356 1359 1367 1369 1374 1376 1379 1398 1400 1406 1408 1414 1417 1419 1424-1426 1428-1431 1434-1438 1440-1442 1448 1450 1462-1466 1468 1472 1474 1478 1487-1488 1491-1493 1501-1504 1506 1509 1511 1516 1520-1521 1526 1529 1531 1536-1537 1539-1540 1546-1547 1549 1552 1555 1557-1559 1561-1565 1568 1571 1575 1578-1579 1581-1583 1587-1588 1590 1592 1597 1605-1606 1611 1613 1615 1618-1621 1624-1628 1630-1631 1634 1636 1638 1641 1643-1650 1652-1659 1664 1666-1667 1669 1671 1675-1681 1683-1688 1696-1698 1703 1711 1715-1716 1719 1722-1723 1726 1731-1733 1736 1739-1741 1743-1744 1749 1755 1760-1761 1765 1767-1769 1771-1773 1776 1779 1783-1786
Genomic clones from the short arm of chromosome 8	Genomic DNA from Genetic Research	EPM001	286 686 1297 1303-1304 1352 1411-1412 1754
esophagus	BioChain	ESO002	131-132 261 289 380 503 860 892 1000 1007 1397
fetal brain	Clontech	FBR001	62-63 89 112 126 134 322 338-338 379 391 411 481 546 563 607 679 710 867 1012 1031 1055 1251 1262 1320 1407 1643 1652 1686 1731-1732 1746 1765
fetal brain	Clontech	FBR004	68-69 90-91 139 212-213 301 331 362 374 403 436 611 645-646 659 668 670 691 785 805 845 1163 1209 1216 1232-1233 1238-1239 1387 1410 1416 1430 1496 1536 1547 1593
fetal brain	Clontech	FBR006	5-9 25 43 60 62-63 65-66 70 72 80 87 92 101 103 108 114 136 139 149 152-153 157 168 171-172 175 207-208 210 212-213 221-226 237-238 251-253 266 272 279-281 295 301-302 307 310 317-318 321-324 330 333-334 336-338 345-347 352 357 370 373 377 379-380 382 384 391-392 397 399 402 406-408 410-411 417 421 424 426-427 430 436-437 440-443 454 460 464 467 473 476 483 488-489 495 497 508 510-513 516 519-520 524 530 537-540 544 547 550 561 567 572-574 582 590-591 595 597 604 607-609 615 623 628-629 631 634 638-640 655 657-658 660 665 669 674-675 679 689 691-694 696-697 699 701 705 710 716 720 728 732 734 736 742-744 757-760 763 775-778 780 799 806-807 810 817-818 826 839 843 858 861 864 871-872 884 890-891 894-895 898 904 915 921-923 925-936 938 945 950 952 955-956 958-959 961 963 967 969-971 990 992

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			999 1001 1005-1006 1008 1013 1016 1022 1024 1029-1030 1032 1035 1042 1047-1048 1052 1056 1065 1067 1070 1082 1089 1109 1114-1115 1119 1131 1143-1149 1151 1153-1156 1160 1163 1167 1172-1173 1178 1184 1186 1188 1190-1200 1211 1216 1222-1223 1226-1227 1229 1231 1236 1245 1253-1255 1258 1260 1262 1266 1270-1273 1281 1287 1308-1309 1314 1317-1320 1326 1334-1335 1339 1341 1344 1350 1356 1369-1371 1373 1376 1379 1381-1382 1386 1392 1396-1398 1419 1423 1425-1426 1428-1429 1432 1437 1440-1441 1448 1466 1470 1482 1502-1503 1507 1511 1513 1516 1519 1536 1544 1549-1550 1557-1559 1573 1589-1590 1598 1608 1611-1614 1619 1621 1625-1626 1640 1651 1657-1658 1676-1679 1693 1696 1703-1704 1713-1714 1718 1720 1722 1724 1726 1728 1730-1733 1735-1736 1738-1739 1742 1745 1755 1759-1761 1765 1767 1771-1772 1777 1779-1780 1786
fetal brain	Clontech	FBRs03	235-236 520 864 1066 1188 1587
fetal brain	Invitrogen	FBT002	15-18 20-21 24-25 29 34 43 61-63 77-78 98 101 103 107-108 128 130 136 146 148 165-166 171 174 181 185 196-198 204-205 208 223 239 235-236 251 253 261 268-269 280-281 284-285 288 309-311 321 329 334 339 346-347 350 357-359 381-383 390 407 418-419 430 434-435 438 443-444 461 464-466 483 490 494 509 516 519 522 527 557 561-562 572-573 590-591 595 597 623 632 647-648 650 655 669-670 672 682 690-691 700-701 710 717 736 746 782 784 788-789 814-815 825 829 840-841 847 854-855 857-858 897-900 904 919 925 935-937 946 948-949 954 960-962 966 969-970 986 996 1000-1001 1005-1007 1012 1014 1022-1028 1045 1052 1055 1068 1070 1072 1078 1082 1085 1090 1109 1115 1118 1120 1128 1136-1137 1144-1145 1149 1156-1157 1193-1195 1198 1204-1205 1220 1222 1234 1257 1262 1271 1274-1275 1280 1285-1286 1294 1312 1314 1317-1320 1330 1342 1344-1345 1349-1350 1355-1356 1358 1364 1369 1379 1383-1384 1431 1435 1476 1507 1519 1532 1536 1547 1554 1564 1567 1578 1582 1587 1593 1595 1601 1608 1615 1619-1621 1638 1644 1661 1665-1666 1673 1687-1688 1690 1715 1723 1728 1749 1753 1757 1759-1761 1765 1771 1774 1776 1778 1781-1782 1786
fetal heart	Invitrogen	FHR001	105 124 180 289 864 1036 1148 1229 1614 1616 1762 1785
fetal kidney	Clontech	FKD001	5-8 11 40 47 57 65-66 82 85 102 124 163 171 216 222 224 235-236

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			258 277 280-281 307 310 314 330 371 387 392 395 403 422-423 431 436 443 455 469 500 519 522 542 563 572-573 585 600 619 623 650 654 657-658 660 679 719 731 780 798 821 833 844 854-855 857 864 868 878 911 929 958 960 969 990 992 1007 1046 1087 1103 1129 1139 1285 1312 1331 1355 1369 1371 1376 1391 1422 1425-1426 1440-1441 1470 1543 1598 1601 1618 1631 1651 1654-1655 1669 1678-1679 1691-1692 1733 1785
fetal kidney	Clontech	FKD002	352 384 426-427 460 583 602 1060 1131 1324-1325 1636
fetal kidney	Invitrogen	FKD007	20-21 82 163 335 679 988-989 1000 1227 1230 1320 1554
fetal lung	Clontech	FLG001	35-36 94 323 371 398 426-427 445 473 549 560 604 616-617 626 631 649 651 719 746 786-787 832 842 849-850 864 894-895 1075 1178 1182 1200 1206 1309 1311 1345 1429 1493 1567 1576 1620 1686
fetal lung	Invitrogen	FLG003	9 15-16 29 41 47 68-69 83 88-89 102 124 137 152-153 165 196 224 229 231 249 254 256 267 291-292 300 325 333 344-345 352 373 376 379 384 408 426-427 430 432 467-468 475 483 488 493 516 531 535 545 547 549 564 582 602 623 644 660 662-664 670 673 725-726 728 761 766-767 774 805 830 852-853 864 875 921 932 937 946 949 963 988-989 1014 1016-1017 1024 1027 1090 1097 1170 1185 1200 1215-1216 1224 1258 1290 1309 1320 1342 1347 1355 1369 1381 1413-1414 1431 1438 1449 1491 1512 1536 1547 1557-1560 1567 1590 1601 1636 1644 1653-1655 1662 1667 1671 1675 1680-1681 1706 1739 1760-1761 1769
fetal lung	Clontech	FLG004	103 276 334 465-466 737 843 1131 1614 1658
fetal liver-spleen	Columbia University	FLS001	3-11 13 15-21 25 30-39 41-48 50-51 54 56-58 60-66 68-69 72 75 77-80 82-83 85 87 89 92-103 105-110 112 116-124 126-127 130 133 135-139 141 144 147-149 152-153 157 163-165 167-172 174 176-178 180 186 188-190 193-194 196 198-200 202-206 210-214 219 221-231 233-236 240-244 246-247 250-251 255-256 258 261-265 268-269 272 274 276-278 280-281 284-286 288 293 295 299-301 304 306-307 309 311 314 316 318 320-321 326 329-332 342 344-345 350 352-353 356-358 360 362 370-374 376 378-384 386-387 390 392-393 400-401 403 406 408 410-412 415 417 419 422-437 439-442 444-445 448 452-454 456 459 461-470 472-479 481-483 487-488 490-491 493 500-501 503-506 509-513 515-520 522-524 526-529 531 534 536-540 542 547-549 553-554 561-562 564 567-568 571-576 579 581 583 585-597 599-605

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			607 610-613 615-621 623-624 626 628-634 636-640 644 647-650 655-660 665 669-670 672 674-675 678 681-682 684 690-695 697 702 708-710 713-714 716-719 725-728 730-731 734 736 738 740-741 743-746 748 750-751 759-766 768 772 774-777 779 783-788 793 796 798 800-805 808 810-812 814 818-819 821-826 826-832 834-837 843-847 849-867 869-876 878-883 887 889-895 897-898 902 904-914 916 919 921-928 930-937 939 945-950 953-958 960-961 963-965 967 969 971 974-978 980-983 986 988-990 992-993 995-997 1000-1002 1004-1008 1012 1014 1016-1019 1025-1026 1028-1031 1033 1035-1036 1039-1044 1047 1049-1050 1053-1056 1058-1059 1061-1064 1067-1070 1072-1074 1076 1078 1082 1085-1087 1089-1090 1097 1099-1103 1107-1113 1115-1119 1121-1123 1125 1127-1128 1131-1134 1136-1137 1144-1150 1153 1159-1160 1163 1170 1175 1177-1178 1188 1190-1192 1195-1200 1202 1206 1208-1211 1214 1216 1218 1221-1222 1225 1227 1234 1237 1241 1244 1246-1247 1251 1254 1258 1261 1266 1268 1270-1273 1277-1282 1284-1285 1287-1290 1294 1299-1300 1306-1308 1311-1320 1324-1325 1327 1330 1332-1333 1338 1341 1343 1345-1347 1349-1350 1353-1360 1362-1363 1365-1367 1369-1370 1372-1374 1376 1378-1381 1383-1384 1386 1389-1391 1400 1402-1403 1405-1410 1413 1415 1417-1419 1422-1429 1431 1435-1437 1439-1442 1445-1446 1448-1449 1454 1458-1459 1466-1470 1472 1474 1477-1478 1480 1482 1485 1491-1493 1496-1498 1501-1507 1509 1511-1512 1514-1519 1524-1526 1529 1532 1536-1541 1546-1547 1549-1550 1552-1554 1562 1564 1569 1572 1574-1575 1578 1581 1583 1587-1588 1591-1592 1594-1595 1597-1598 1600-1604 1611-1612 1614-1615 1617-1618 1620-1622 1624-1625 1627-1628 1630-1632 1634-1639 1645-1651 1653-1662 1664 1667-1669 1671 1673-1674 1676-1688 1690 1696 1701-1703 1706-1709 1711 1713-1714 1718-1719 1722 1724-1727 1731-1733 1738 1740-1741 1743-1744 1746 1748 1751-1752 1754 1760-1765 1767-1773 1780 1783-1786
fetal liver-spleen	Columbia University	FLS002	3-11 13 15-21 26 29 32 35-39 42 44-45 48 50-51 54-55 57-58 61 64 68-69 73-75 78 80 82 86 87 95-98 100 103 105 107-108 110 112-113 116-119 122-125 128 130 137-138 145 147-153 155 157 159 161-163 166 168 171-172 174-175 177 181 188-189 193-194 196-198 200-203

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			206 212-215 219-221 223 225-229 231-232 240-244 246-247 250-251 258-259 262 264 268-269 272 275 277 280-281 284 286 288 290-292 295 298-299 301-304 306 308-310 318 320-321 323 325 329 331 334 342 348-349 352-353 356 359 368 371 374 376-379 381-384 386-387 392-393 397-398 400-401 403 410-413 421 423 426-427 429-430 433-436 438 440 443 445 448 451-452 454-455 460-463 465-467 469 471-473 475-476 478-479 481-483 487 490-491 493-494 497 500-501 503-505 509-513 515-517 519-520 524 526-531 534 537-542 544 547 552-554 556 558 561-562 564-567 571-577 583-587 590-591 593 595 597 601 604-606 608-613 616-617 619-624 626-632 634 637-642 644 647 649-652 654-659 662-665 669-672 674-675 681-682 685 688 690 696 698 700-703 707 709-710 713 717 719-721 723-724 728 731-732 734 737-738 742-745 748 752 754 759 763-766 768 770 773-777 780 782 784 786 791 795-798 801-802 805 808 811-812 818 823-824 826-827 832 834-837 839 843 846 848-856 858-861 865 867 869 871 873-874 876 878 881-882 887 889 892 894-898 901-902 904 906-908 913-915 919 921-924 926-932 934-935 937 939-941 943 946-947 950 953 958 961 965-967 971 973-975 977-979 981 984-985 990 992-993 995-997 999 1001 1004-1007 1009-1011 1013 1016 1020 1023 1025 1027-1031 1033-1035 1039-1042 1044-1045 1049 1053 1055-1056 1058-1059 1062 1064-1065 1067-1070 1072-1074 1079 1082 1087 1089 1093 1097 1099-1103 1105-1107 1109-1114 1123 1125-1127 1132-1134 1140 1143-1145 1148-1150 1156 1158 1160 1163 1172-1173 1177-1178 1181-1184 1190-1192 1195-1197 1199 1204 1206 1208 1211 1214 1216 1219 1227 1230 1234-1235 1237 1240-1241 1243 1245 1247 1256 1258 1260-1261 1264 1268 1270-1271 1275 1278-1279 1284-1286 1288-1289 1299-1301 1306 1308 1312 1314 1317-1319 1323-1325 1327-1330 1334-1335 1339 1343-1347 1349-1350 1354-1355 1357 1360 1362-1363 1365-1367 1369 1372 1376 1378-1380 1386 1389-1391 1394 1400 1403 1406 1409 1416-1419 1422-1427 1429 1435 1437-1438 1440-1442 1446 1448-1450 1453 1460-1461 1468 1470 1472 1474-1475 1478 1482 1486 1490-1493 1496 1498 1500-1504 1506 1508-1509 1511-1512 1516 1518-1519 1521 1524-1528 1531 1536-1538 1543 1547 1550 1554 1556 1564 1567-1569 1580 1587-1588 1591-1592

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1597-1598 1600-1601 1611-1612 1618-1628 1630-1631 1635-1638 1641 1646-1649 1652 1654-1659 1661-1662 1664 1667-1669 1674 1676-1679 1683-1684 1686-1688 1691-1692 1699 1702 1707 1711 1713-1714 1717 1719 1722 1726-1727 1730-1733 1738 1740 1743-1744 1748-1752 1758 1760-1761 1763-1764 1767 1769 1772-1773 1776 1779 1783-1786
fetal liver-spleen	Columbia University	FLS003	103 300 318 321 352 372 379 381 384 392-393 403 422 424 429 434-435 440 444 453 503 515 544 552 978 1064 1324-1325 1327 1333 1357 1369 1378 1418 1424 1622 1646 1649 1680-1681 1689-1690 1717 1743-1744 1769
fetal liver	Invitrogen	FLV001	15-16 26 34 58 61 64 70 75 78 89 98 105 112 116 120-121 123 133 151 166 176 180 194-196 198 200 204-206 210-211 220 225-226 230 235-236 239 247 259 261 267 272 277 280-281 303 310 313 317 320-321 329 344 356 371 374 376 379-382 395 408 412 414 419 429 434-435 441-442 465-466 490 494 504-506 509 522 527 534 552-553 562 567 569-570 572-574 607 631 657-658 667 669 672 685-686 702 717 725-726 732 748 759 761 778 784 786 809 817 829 837 857 861 872-873 875 881 889 894-895 909 911 916 954 963 967 974 977 986 988-989 993 995 997 1000 1005-1006 1008 1014-1015 1020 1042-1043 1070 1086-1087 1089-1090 1118-1119 1122 1144-1145 1148 1153 1157 1159 1183 1195-1196 1227 1250 1257-1258 1262 1267 1280 1285 1307 1312 1314 1317-1320 1344-1345 1349-1350 1355 1362-1363 1403 1405 1415 1419 1425-1426 1429 1431 1442 1448 1463-1464 1469-1470 1489 1528 1536 1539 1549-1550 1557-1562 1577 1583 1598 1601 1611 1615 1622 1644 1649 1666 1674 1706 1721 1738 1746 1763-1765 1774 1776 1779
fetal liver	Clontech	FLV002	676 998 1719
fetal liver	Clontech	FLV004	93 133 214 301 355 374 379 555 581 601 679 837 847 859 1123 1236 1270 1313 1324-1325 1327 1355 1367 1425-1426 1536 1690 1733 1760-1761
fetal muscle	Invitrogen	FMS001	26 37-39 50-51 58 84 86 89 98 113 128 131-132 139 155 172 186 194 198 201 206 211 230-231 256 261 276 282 286 302 325 359 361 375 379 383 398 412-413 419 430 436 448 452 462-463 473 477 503 519 529 561 569-570 590-591 597 607 623 626 635 647 660 672 715 725-726 730 733 761 775-777 788 826 837 860 874 913 915 921 935 970 980 986 988-990 992 1000-1001 1007 1014 1027 1035-1036 1045 1060 1064 1070 1083 1097

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1099-1102 1116-1117 1121 1164 1173 1198 1208 1228 1240 1258 1266 1270 1277 1298 1317-1320 1324-1325 1329 1336-1337 1369 1383-1384 1399-1400 1403 1409 1433 1505 1514 1542 1551 1554 1557-1559 1562 1589 1598 1620 1632 1644 1650 1652 1671 1675 1712 1725-1726 1743-1744 1754 1766
fetal muscle	Invitrogen	FMS002	119 221 273 402 426-427 483 547 599 736 869 1000 1033 1083 1266 1431 1440-1441 1468 1545 1599 1673 1678-1679 1687-1688 1710 1712-1714 1723 1725 1731-1733 1743-1744 1760-1761 1767
fetal skin	Invitrogen	FSK001	1 4-11 15-16 20-23 25 29 33 40 43 46 56-57 60-61 64-66 75 82 87 97-98 105 107-108 113 118-119 123 133 135-137 139 144 146 148 151-153 156 163 170 176 180 188-189 197-198 200 202-203 210 218 222 231 246-247 261 263 265-270 277 285-286 290 293 299 301 307 311 321 325 328 330 333-335 339 341 345 351-352 355-356 358-359 362 368 370 372 376 379-382 384 388 394 404-405 408-409 411-412 419-420 424 426-427 436 441-442 445 448-449 454 462 463-466 472 476 490 493 504 506 509 515-517 519 526 531 537-540 547 549 560-561 567 572-573 581 584 589 611-612 615 623 630-631 635 647 649 651 657-658 660 662-665 667 669 672 676 678 681 688 701 704-705 709-710 713 717 720-721 725-726 728-729 732 748 750 753 759 764 766 770 775-777 780-781 786 788-789 798 809 811 814 816-817 822 824-826 831 842 857 859 861 863-864 881 894-895 908 910-911 916 918 922-923 928 932-933 935 937 946 948-949 953 960-961 966-967 970 975 977 986 990 992-993 999-1000 1004 1007 1013 1018 1025 1027 1032 1035 1041-1043 1054 1057-1058 1060 1062-1064 1069 1072 1077 1090-1091 1097 1099-1103 1108 1113 1119 1123 1128 1131 1134 1140 1148-1149 1152-1153 1156 1163 1167 1178 1182 1189 1192 1195-1196 1198 1201-1205 1208 1211-1212 1216 1219-1220 1222 1225 1240 1243 1258 1266-1267 1274 1277 1280 1282-1285 1299 1310 1317-1322 1324-1325 1329-1330 1342 1344 1346 1349-1351 1354-1357 1365-1366 1369 1371 1373 1376 1378 1380 1383-1384 1387 1399-1400 1405 1410 1427 1429 1431 1433-1435 1439-1441 1448-1449 1454 1457 1468 1470 1472 1475 1480-1481 1487 1490-1491 1493 1498 1509 1512 1521 1525-1526 1529 1535-1536 1547 1549 1557-1559 1588 1592 1595 1597-1598 1601 1603-1604 1608 1611 1614 1618 1624-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
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fetal skin	Invitrogen	FSK002	13 286 302 307 313 321 330 335 339 341 354 370 372 385 400 402 408 414 426-427 433 436 450 454 515 544 585 598 767 810 845 939 1076 1109 1155 1317-1320 1326 1333-1335 1343 1347 1350 1369-1371 1377-1378 1391 1397 1422 1466 1647 1656 1678-1679 1687-1688 1693 1716 1721 1725 1731-1732 1739 1755
fetal splean	BioChain	FSP001	110 137 211 353 589 927 1108 1639 1771
umbilical cord	BioChain	FUC001	4-8 10-12 14 17 33-36 44-46 57 64 68-69 75 82 85 101 104 113-114 116 119 122-124 133 137 153-154 157 161 163 166-167 175 181-184 186 192 197-198 200-202 212-215 230 234 246-247 251 256 263 267 271-272 280-281 284 295 301 314 317 321 326 333-335 345 351 356 368 371-373 379-380 386 390 392 394 406 408-410 412 414 416 420 424 427 430-436 438 444-446 454 459 461 463 467 473 482-483 486 488 490 495 504 509 524 526 537-540 547 555 561 574-577 588-591 593 606 615 620-621 632 637 645-647 650 659-660 662-664 667-668 674-675 684 687 696 698 701 703-705 709 711 714 719-720 725-727 732 749-750 762 765 771 775-777 780 789-791 793 796 802-803 814-817 822 833 843 845 848 858 861 864 875 879 888 894-895 897-900 903 906-907 911-912 925 930-933 936 940 948 953 960 966 977 984 990 992 998 1000-1001 1005-1007 1016 1023 1025 1037 1046-1047 1059 1061-1063 1073 1076-1077 1089 1094-1097 1112-1113 1115 1134 1144-1148 1151 1154 1156 1163 1171 1197 1204-1205 1208 1216 1218 1224 1234-1235 1243-1244 1246 1279 1283 1286-1287 1298 1316 1320 1344 1346 1350 1357 1359 1371 1373 1375 1381 1398 1400 1403 1408 1414 1424 1427-1428 1431 1433 1440-1442 1446 1454-1455 1479 1482 1484-1485 1489 1492-1493 1504-1505 1513 1525 1527 1536 1538 1546 1565 1567 1571 1573 1579-1576 1578-1579 1591 1595 1600-1601 1608 1612 1615 1621 1624 1626 1636-1637 1647-1648 1651 1653 1656 1658 1661-1662 1672 1675 1682 1684 1686-1688 1690 1709-1710 1722 1727 1729 1735-1738 1740-1741 1760-1761 1768
fetal brain	GIBCO	HFB001	4 9 11-13 17-18 22-23 25 37-39 42-47 50-51 54-55 58 60-61 65-66

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			72 75 77 80 82 85 90-91 94 100-102 107 110 112-116 118-119 122-123 126 128 134 136-140 147-148 153-155 157 161 165 169-172 175 181 186 188-189 197-198 204-206 208 210 215 222-223 225-226 230 235-238 240-241 247 253 256-258 260-262 267-269 276 279-281 284 286 289 298 300-302 307 310 318 321-323 325 330-331 339 341 346-349 352 354 356-359 362 364-365 371-372 377 379-380 382 384 387 390 400 408 414-416 419 424 431 434-435 438 441-443 449 451 453-455 457-463 470 472-473 475 477-478 482-483 486-488 490-491 493 496 499-500 502-504 506-507 509-512 516 519-520 522 525-526 529-530 537-540 543-544 546-547 566-567 569-570 572-582 585 588 590-591 593 595 599 601 604 606-609 611-612 614-620 622-624 630 632 636 643 645-647 650-652 654 659 661 665 667-668 670-672 676 678 681 687 689 692-694 697 699 710 714 717 721 727 729-732 734 736 738 743-746 750-751 759 763 766 770 772 775-777 784 789 791 796 799 802-805 810-811 814 819-821 824 826 830 834-837 839-850 854-856 858-860 862 864 869 871 876-877 879 883 885-887 890-891 893-895 898-901 905 908-910 912-916 919 922-923 925 927 930-933 935-938 948 952-960 963-964 967 969-972 975 978-979 981 983 986-987 990 992 995 997 999-1002 1005-1009 1011-1013 1016 1018-1019 1023 1026 1029-1031 1033-1035 1038 1041 1047 1050 1053 1057 1059 1064 1068 1070 1072-1073 1078-1079 1081-1082 1086 1089 1094 1097 1103 1107-1109 1113-1115 1121-1122 1127 1134-1135 1138 1140 1143 1148-1151 1153 1156-1157 1159 1167 1170 1175 1193-1194 1200 1202 1207-1209 1211 1216 1219-1220 1226-1227 1229 1232-1234 1240-1241 1243 1246 1249-1251 1253-1254 1258 1267-1268 1271 1276 1279 1282 1285-1289 1293-1294 1305 1307-1308 1312 1316 1320 1327 1338-1339 1341-1344 1346 1349 1355-1357 1359 1365-1366 1369-1370 1373-1375 1379 1386 1389 1394 1398 1409 1413-1414 1416-1417 1420-1421 1425-1427 1430 1433 1437 1439 1442 1445-1452 1454-1457 1459 1463-1464 1468 1470 1474 1477-1479 1489 1492 1494 1497-1498 1501-1503 1507 1509 1511-1513 1517 1520-1521 1524-1526 1531-1533 1535 1537-1538 1547 1554 1556-1559 1564-1567 1571 1584 1587 1589 1594 1599-1601 1611-1612 1614-1616 1619-1620 1625-1628 1630-1631 1634 1637-1638 1640-1643 1645 1648-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1649 1651 1653-1655 1657-1658 1664-1665 1667 1669 1673 1678-1679 1683-1684 1686 1693 1701 1704-1705 1709 1713-1714 1717-1720 1724 1727-1728 1731-1733 1737-1738 1743-1744 1752 1754-1755 1757 1760-1761 1765 1772 1779 1785
macrophage	Invitrogen	HMF001	5-8 110 204-205 503 634 678 859 878 933 988-989 1379 1448 1504
infant brain	Columbia University	IB2002	10 12-13 15-18 22-23 25 29 34 37-39 43 47 50-51 54-56 58 60-63 65-66 68-69 72-74 80 82-83 86 88-92 97 100 102-104 106-108 110 112-113 115-116 118 123 128 130 134-136 138-139 143 147-149 151-152 154-155 163 165-167 169 172-175 181-184 186 193-196 198 201 203-205 209-210 214-215 222 224-226 231-232 235-236 239 246-247 252 257 260 268-269 272 276-277 279-281 286 288 291-292 295 298 300-301 304 307 310 313 321-323 330-331 333-334 339 345-347 349 352 356-357 362 371-372 377 379-380 383-384 393 397 401 406 408 411 413-414 416 418-419 422 428 430-431 434-435 438 443 449 453-454 461 464-466 469-470 472-473 475-476 478 482-483 487 490 492 494 497 503 507-508 510-513 516 519-520 524-526 530-534 536-540 547 550-551 561 563-564 566-567 572-576 579 581-582 584-587 590-591 593 595-597 607-609 611-613 616-617 620 622-624 627 631 637 641 645-647 650-655 657-658 660-665 667-675 689 691 695 697 699 703 707 713-715 717 721 728-731 733-736 739 743 745 751 755 759 763 769-770 772 778 780-781 785 788-789 793-794 799 803 808 811 814 825-826 830 834-836 840-843 845 848-850 854-855 860 862 864-865 870 872 875-876 878 886 888 890-891 894-896 898 903-904 916-917 919 922-925 927-928 930-932 934-936 938 941 945-946 948-950 953-954 959-962 966-969 977 979 981 986-990 992 997 999-1000 1004-1006 1014 1016 1018-1019 1024-1025 1033 1036 1047 1051-1052 1054-1055 1057-1059 1063-1064 1068-1070 1073 1081-1082 1085 1089 1108-1113 1118-1120 1123-1124 1130 1132-1138 1140 1149 1151 1153-1154 1163-1170 1172 1174-1175 1183-1184 1188 1190 1193-1194 1196-1197 1199 1204 1208-1209 1211 1218-1222 1226-1227 1229 1231 1234 1241 1247 1249 1251 1256 1258 1261-1262 1269 1274 1279 1281 1283 1285 1287-1289 1294-1295 1305 1307 1313-1314 1316-1320 1329 1332 1341-1342 1345 1349 1356 1362-1363 1365-1366 1368-1370 1374 1381 1383-1384 1388 1400 1403 1406-1407 1413 1417 1420

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1423 1429-1431 1435-1436 1438-1441 1443 1447-1449 1451-1452 1454-1455 1457 1459 1463-1465 1468 1470-1471 1475 1479 1482-1483 1485 1493-1494 1496 1498-1499 1502-1503 1505-1507 1509 1522-1523 1525 1528 1531-1533 1542 1546-1547 1549-1550 1554-1555 1563 1565-1567 1569 1575 1580 1583-1586 1588 1590 1592-1593 1595 1598 1600-1601 1608-1610 1612 1614-1616 1619 1621 1624 1626-1627 1630-1633 1637 1639-1640 1642 1644 1647 1652 1654-1655 1658-1659 1664-1665 1672-1673 1676-1681 1685-1688 1693-1695 1701-1702 1704 1708 1717-1720 1723-1724 1726-1728 1733 1735-1741 1743-1744 1752 1755-1758 1762 1765 1771 1774 1777-1778 1786
infant brain	Columbia University	IB2003	17-18 20-23 29 34 43 60 68-69 78-80 88 100-101 107 110 112 118 123 128 133 135-137 146 148 152 159 166 169 174 194 198 203 215 223 225-226 229 235-236 247 260 276-281 286 290-292 295 300-301 310 322 324 331 334 339 346-347 349-350 352 357 371 376-377 382 384 403 408-409 414-415 453-455 472 476 478-479 490 503 507 516 520 530 534 536-540 551 563 572-576 585 587 590-591 593 595-596 601 606 612 616-617 620 622-624 650 652-653 661 665 670-671 674-675 678 689 715 717 727-728 730 734 759 775-777 780-781 785 796 806-807 811 824 845-846 864 869 875 882 889 894-895 898 904 917 919 921-923 932 935-936 946 950 954 962 977 979 997 999-1000 1005-1006 1009 1011 1017 1024 1033 1037 1043 1055 1057 1109 1114-1115 1120 1123 1127 1144-1145 1149 1151-1153 1160 1167 1170 1174 1193-1194 1196 1199 1202 1206 1209 1220-1221 1226 1229 1240-1241 1251 1258 1284 1288-1289 1305 1314 1327 2333 1344 1347 1350 1356-1357 1365-1366 1378-1379 1388 1400 1403 1421 1423 1431 1436 1440-1441 1446-1447 1457 1459 1471 1499 1503 1507 1509 1536 1546 1557-1559 1567 1572 1587 1595 1598 1610-1612 1615 1631 1639 1644 1647 1657-1658 1673 1678-1681 1683-1684 1701-1702 1708-1709 1713-1714 1719 1757 1760-1761 1765 1771 1778
infant brain	Columbia University	IBM002	101 113 139 152 260 279 290-292 374 377 551 563 608-609 653 659 814 954 1005-1006 1029-1030 1130 1164 1209 1258 1294 1305 1320 1327 1397 1431 1498 1507 1615 1640 1694-1695 1763-1764 1767 1779
infant brain	Columbia University	IBS001	10 12 119 175 279-281 321 334 371 446 551 563 623 652 667 669

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
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lung, fibroblast	Stratagene	LPB001	5-9 17 20-21 25 68-69 82 94 105 153 157 197-198 203 207-208 212-213 223 262 266 283 302 321 326 333 356 370 427 430 436 446 462 472 493 498 503 516 519 527 535 537-540 542-544 562 565 567 586 599-600 607 615 630 647 662-664 692-694 712 719 745 748 775-777 794-796 810 837 843-847 849 854-856 869 876 903 934 953 955-956 964 975-976 984 1000 1005-1007 1024-1025 1033 1039 1053 1064 1070 1072 1082 1112-1113 1134 1136-1138 1140 1195 1223 1232-1233 1246 1279 1285 1295 1311 1320 1334-1335 1343 1427-1428 1446 1478 1482 1493 1504 1537 1552 1555 1567 1575 1582 1598 1620 1625 1632 1638 1645 1654-1655 1662 1680-1681 1684 1686 1690 1696 1702 1711 1733 1741 1760-1761 1778 1785
lung tumor	Invitrogen	LGT002	5-10 18 20-21 29 33-36 40 43 52 54-55 61 65-66 68-70 73-75 80 85 88-89 93-94 100 103 106-108 112-113 115-116 118-119 123-124 126 130-132 135-137 139-141 143-144 147-148 151-153 155-156 159 161 164 169 171 179-180 185 190 192 194 196-199 203-208 210 212-214 216-217 219 222 233 240-241 244 246 251-252 255-256 261-262 265 272 276-277 279-281 284 286 288 290 295 298 301-302 309-312 317 321 329 332 341-342 344-345 348 352 358-360 363 368 370-371 376 380-381 384 389-390 398 400 409 414 423 426-427 430 432-436 443-444 450-451 454 462 468 472-477 480-483 487-488 490-491 493 496-498 500 503-506 509-512 515-516 519 521-523 526 530 534 541 544 547 554 557 564 566-567 572-576 585-586 588-589 595-596 601 607 611-612 615 619 621 623 626 630 632-633 644 647 649 651 655-656 660 662-665 667 669 672 681-684 696 700 706 710 713 716 718-719 722-723 728 734-739 743 750 752 763 765-766 773-778 784-785 787-789 791 800 802-803 809-812 814 824 826 828-829 832 836-839 841-845 849-850 852-855 857-861 864 866 874 878-880 882 887 890-891 897-898 902 904 906-907 910 916 918-920 922 924-925 927 930-932 934-935 937 947 950 953 955-956 961 963 966-967 969 971 977-979 981 984 986-987 990 992-993 995 997 999-1001 1005-1007 1009 1012-1013 1018 1020 1022-1024 1026 1029-1030 1033 1038 1041

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
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lymphocytes	ATCC	LPC001	4 11-12 18 24-25 30-31 48 50-51 56-57 68-69 80 92 98 103 105 110 126 137 152-153 157 165 172 188-189 197 203 210 217-218 222-223 225-226 229 231 247 251 256 264 272 280-281 284 300-301 321 325-326 339 348 352 357 371 382 384 390 400 404 412 414 421 423 426-427 430-431 445 447-448 451 454-455 475 503 516 526-527 530 537-540 549 556-560 563 574 577 589 602 612 615-617 621 623 628-630 636-637 647 649 657-659 690 697 717 723 755 764 775-777 780 786 789-790 793 800 802 822 838 849 866 869 876 881-883 892 898 906-907 911 921-923 928 975 990 992 996 1001 1004-1007 1033 1050 1054 1078 1107 1135 1140-1141 1143 1148 1158 1163 1177 1199 1205 1216 1226 1231 1236 1241 1244 1250 1258 1260 1265 1269-1271 1290-1293 1308 1312 1317 1319-1320 1339 1345-1346 1348 1350-1351 1357 1367 1369 1379 1381 1383-1384 1386-1387 1389 1394 1397 1405 1423 1425-1428 1431 1437 1446 1448 1461 1466 1470 1472 1474 1482 1492 1506 1528 1537 1546 1549 1591 1598 1600 1603-1604 1606 1627 1636

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1638 1647-1649 1651 1658-1659 1664 1676-1677 1680-1681 1687-1688 1699 1711 1715-1716 1726 1728 1737 1740 1746 1748 1752 1756 1758 1777 1779
leukocyte	GIBCO	LAC001	3-4 10-11 13 15-18 20-21 24-25 30-31 35-36 40 43-45 48 50-51 54-58 60-63 68-69 75 79-80 82-83 85 88-91 93-96 98 100 102-104 107-108 112 116 119 123 125-128 134-140 142 147-149 151 153 155 157 162-163 167 169-172 174 177-179 186 190 192-199 203-207 210 212-215 217-219 222-223 229 235-236 247 251 255-258 260 262 272 274-277 280-281 285-286 297-301 307-310 313-314 316-317 321 325-330 333-334 340-342 348-349 352 354-358 370-371 380-385 387-388 400 405 408-410 412 414-416 421-425 430-431 434-435 437 439 441-442 445-451 453-454 456 459 461-464 468-472 474-479 481 483-485 487-491 496 499-501 503-504 509-513 516-519 522 526-527 529-531 534 536-540 542 547-549 553-559 566-567 571 574-577 579 582 584-586 589 593 595-597 601-602 604 606-607 611-613 615-621 623 627-629 633 636-637 642 644-650 655 659-660 662-665 667 669 674-675 678 682-684 692-696 698 700 706 708 710 716-720 725-726 729-736 738-739 743-746 749 751 753 756 759 765-766 768 770-778 780 784-786 788-790 793 796 798 800 802-803 810-811 814 817 819 826 828-830 832 834-836 838 843 845-860 863-864 866-871 877-879 881-892 894-896 898 902 904-914 916 919-925 927 930-932 935-936 941-942 945 948-949 953 955-956 958 960-962 964 967 970-971 973 975 977 985-990 992-993 995-996 999-1002 1004-1009 1011 1014 1017-1019 1022-1023 1025 1027 1029-1031 1033-1036 1038 1041 1043 1047 1050 1053-1054 1058-1059 1061-1062 1064 1068 1070 1072 1078 1085-1086 1089-1091 1093 1097 1106-1107 1110-1113 1115-1117 1122-1123 1125 1129 1132-1133 1135-1137 1140-1145 1152 1158 1163 1168 1170-1174 1176-1178 1180 1182-1183 1186 1195 1198-1200 1202 1205-1206 1211 1216 1219-1221 1223-1227 1230-1236 1238-1242 1247 1252 1254 1256 1258 1261-1262 1264-1265 1269-1270 1272-1275 1277 1280-1284 1287-1293 1299-1300 1306 1308 1312-1313 1317-1320 1322 1324-1330 1333-1335 1339 1341 1343-1347 1349 1351-1357 1359-1361 1365-1367 1369-1370 1373-1374 1377 1379-1381 1386-1387 1394 1400 1403 1409 1419 1423 1425-1428 1430-1431 1433-1434 1437-1438 1440-1442 1446-1448 1450

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1453 1458-1459 1463-1464 1468 1470-1471 1474 1477-1478 1482-1488 1490-1493 1496-1501 1504 1506 1509 1512-1513 1516 1519 1521-1522 1524-1525 1527-1528 1531 1534 1538 1541 1545-1547 1549-1550 1553 1555-1556 1560 1565 1567 1575 1580 1589 1591 1594 1596 1598 1600-1602 1606-1608 1611 1614 1620-1621 1624 1626-1629 1631-1632 1636 1638-1639 1641 1644-1645 1648-1650 1653-1655 1658-1660 1662 1669-1670 1675-1679 1684-1688 1690-1692 1696 1700 1702 1707-1709 1711 1716-1717 1720 1723 1725-1727 1733 1737-1738 1741 1743-1744 1748-1749 1752 1755 1760-1762 1765 1769 1771-1772 1781-1784 1786
leukocyte	Clontech	LUC003	4 35-36 44-45 61 68-69 75 82 102 119 139 154 179 197 244 280-281 324 372 404 430-431 455 461 476-477 481 503 537-540 554 575-576 581 589 608-609 621-622 624 630 632 647 662-664 669 679 698 764 773 775-777 802 848 851 856-857 879 905-907 915 949 952 990 992 1002 1113 1119 1170 1183 1216 1236-1237 1241 1275 1346 1353 1357 1359 1377 1506 1515 1534 1553 1591 1600 1613-1614 1621 1628 1670 1676-1677 1691-1692 1699 1733 1738 1772
melanoma from cell line ATCC #CRL 1424	Clontech	MEL004	25 35-36 43 80 104 126 128 150 163 166 188-189 197 210 215 220 271 277 280-281 310 317 336-338 345 351 372 380-381 383 387 412 415-416 430 445 448 454 456 467 481 490 499 503 526 528 546 548 567 575-576 588 601 613 615 647 660 665 734-735 737 759 778 787 790 800 832 845 856 859 869 878 883 887 905 914 932 934 958 976 985 990 992 999-1000 1025 1031 1038 1050 1055 1068 1074 1088 1099-1102 1107 1136-1138 1149 1156 1163 1172 1190 1195 1200 1214-1215 1217 1226-1227 1235 1238-1239 1244 1253 1278 1280 1293 1311 1320 1330 1334-1335 1345 1355 1367 1386-1387 1394 1403 1406 1414 1423 1437 1442 1465 1521 1529 1536 1539 1541 1547-1548 1582 1620 1626 1631 1638 1647 1653 1660 1667 1669-1670 1680-1681 1696 1704 1715 1724-1725 1731-1732 1750 1760-1761
mammary gland	Invitrogen	MMG001	5-8 10 12 14-18 20-21 24-25 29 33-39 42-43 52 55-58 60-64 68-69 71 73-74 79-80 82 89 98 100 103 106 108 112 123 128 133-137 144-146 148 150-152 154 158-159 165-166 170-172 174 176 178 181-185 188-190 194-198 201-206 210 217-222 224 227-228 231 233-237 247 251 253-254 256 261-263 266-267 271 276-277 279-281 284-286 288

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			290 297 299 301 304 309-312 318 320-321 323-325 327-329 331-332 334 339 341 344-345 348 350 356 359-360 362-363 368 371 376 379-383 388 390 393-395 397-398 405 408 412 414-415 423 430 434-437 441-444 448 451-455 462-464 474 476 479 482 485-486 488 490 494-495 498 503 506 509-512 516-517 519-520 522 527 529 534 537-541 547 549 554 557 562 572-574 587 589-591 597 602 607 618 623 628-629 632 634-640 644 647-648 650-652 655 657-658 660 665 667 669-672 674-676 679 682 688 695-696 706-707 710 713 717 720 722-730 732-734 736 738 743 747-748 750 755 759 761 766 770 780 784 786-789 794 803 806-807 809 814 817-822 827-829 837 842 854-858 863-864 866 869-870 872 878 881 889 893-900 904 906-907 911 916 919 921-923 926 935-937 946 948-949 953-954 957 960-961 963 965-966 970 977-978 984-989 993-997 1000-1001 1005-1006 1008 1013-1014 1016-1017 1023 1025 1027 1032-1033 1036 1039 1043 1045 1055 1057-1058 1063 1068-1075 1077-1078 1085 1087 1089-1091 1095-1102 1107-1108 1112-1119 1121-1123 1131-1133 1136-1137 1139-1142 1144-1145 1148-1149 1153 1159 1167 1170 1172-1173 1183-1185 1190-1192 1196-1199 1207-1208 1212 1216-1218 1222-1223 1225 1231 1234 1240-1241 1247 1253-1254 1258-1259 1261-1262 1270-1280 1283 1285-1286 1298 1307 1314 1316-1320 1323-1325 1330 1334-1335 1342-1345 1349-1352 1354-1355 1359 1369-1370 1377 1379 1381 1383-1384 1389 1405 1414 1419 1421-1423 1425-1426 1428-1429 1431 1434-1437 1439 1448-1449 1454 1457 1460-1464 1466 1471 1480-1483 1487 1489-1491 1493 1505 1507 1512 1519 1526-1528 1532 1534 1536 1539 1542 1547 1549-1550 1554 1561-1562 1564 1567 1572 1576-1579 1581-1582 1587-1588 1592 1594 1596-1597 1601-1602 1607-1608 1610 1612-1616 1618 1621-1622 1625-1626 1631 1635-1636 1641 1643-1644 1647 1650 1652 1654-1655 1657-1658 1660 1662 1664-1666 1669-1671 1673-1674 1676-1677 1680-1685 1689-1692 170. 1706 1713-1715 1719-1720 1723-1728 1730-1732 1738 1740 1742-1744 1746-1747 1749 1751 1753 1760-1762 1765 1768 1771 1774 1776-1777 1779 1783-1784 1786
Induced neuron cells	Strategene	NTD001	29 35-36 80 116 123 156 163 181 214 230 280-281 284-285 307 321 330 340 358 371 375 377 380 382 422 424 492 497 532-533 542 546

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			549 566 586 595 612 645-647 654 734 775-778 780 792 799 821 826 856 858 875 936 953 985 990 992 1041-1043 1055 1072 1104 1193-1194 1206 1223 1246 1253 1274 1288-1289 1291 1294 1311 1320 1349 1359 1412 1423 1485 1620 1623 1645 1684 1705 1715 1751
retinoid acid induced neuronal cells	Stratagene	NTR001	5-8 78 268-269 277 383 431 506 623 677 731 999-1000 1199 1425-1426 1547
neuronal cells	Stratagene	NTU001	29 65-66 80 82 110 119 146 152 166 174 181-185 198 227-228 253 294 309 325 332 334 336-338 375 391 393 406 414-416 454 465-466 470 488 503 506 510-512 519 537-540 572-574 597 602 607 623 647 661 700 702 716 743 771 792 858 904 948 954 977 1000 1005-1006 1025 1064 1068 1122 1148 1185 1219 1226 1234 1246 1271 1283 1295-1296 1311 1317-1320 1329-1330 1350 1355 1365-1366 1378 1383-1384 1400 1412 1445 1505 1539 1547 1578 1647 1656 1683 1690 1738 1749 1783-1784
pituitary gland	Clontech	PIT004	311 314 379 408 419 430 454 1055 1095-1096 1272-1273 1312 1320 1378 1652 1671 1720 1725 1736 1741 1755
placenta	Clontech	PLA003	5-8 124 208 277 370 843 906-907 1280 1317-1319 1369 1609 1621 1737
prostate	Clontech	PRT001	9 46 57 71 107 147 171 179 197 201 229 231 242-243 274 280-281 307 310 317 330 358 373 382-383 400 430 434-436 461-462 469 477 489 497 500 505-506 513 521 526 531-533 547 618 649 657-658 662-664 710 729 767 771 789 820 861 871 874 890-891 905 938 945 963-964 988-989 1002 1025 1033 1045 1061 1095-1096 1112 1125 1142 1196 1198 1202 1232-1233 1241 1258 1272-1273 1287 1295 1313 1333 1341 1344 1349 1360 1362-1363 1367 1437 1442 1447 1475 1478-1479 1482 1489 1513 1517 1527 1531 1536 1598-1599 1628 1636 1657 1680-1681 1687-1688 1717 1738 1743-1744
rectum	Invitrogen	REC001	17-18 29 33 62-63 71 73-74 83 86 113 126 146 153 158 167-169 195 200 206 261 309 312 341 344 368 373 388 395 408 414 420 430 441-442 446 448 464 468 483 517 537-540 547 567 585 589 602 623 628-629 632 645-647 651 657-658 669 717-719 721 725-726 738 748 750 756 762-763 766 770 774 790 819 825 843 849 851 881 903 909 948-949 960 986 996 1020 1023 1033-1034 1064 1067 1070 1073 1086 1108-1109 1113 1130 1139 1153 1159 1172 1178 1185 1187-1189 1205 1220 1225 1240 1244 1271 1317-1320 1323 1334-1335 1350-1351 1355 1369 1373 1375 1425-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			1426 1436 1439 1469 1474 1477 1482 1546 1587-1588 1592 1596 1610 1622 1627 1644 1658 1662 1665-1666 1669 1675-1677 1749 1786
salivary gland	Clontech	SAL001	10 55 97 103 110 140 149 152 158 198 217-218 242-243 256 301 308 312 321 333 351 354 360 410 437 448 473 487 494 496 501 535 555 569-570 572-573 590-591 624 636 651 759 762 764 768 771 788 800 809 825 848 865 879 906-907 925 933 963 1016 1020 1025 1040 1046 1055 1066 1103 1150 1172 1181 1234 1281-1282 1288-1289 1298 1315 1320 1333 1336-1337 1346 1359 1373 1379 1424 1447 1469 1474 1482 1492 1494 1498 1511 1523-1524 1537 1554 1596 1626-1627 1636 1652-1655 1658 1665 1671-1672 1691-1692
salivary gland	Clontech	SAL503	158 326 1423 1463-1464
skin fibroblast	ATCC	SFB001	1320 1400
skin fibroblast	ATCC	SFB002	262 736 1025 1253
skin fibroblast	ATCC	SFB003	709 1119 1350 1631 1653
small intestine	Clontech	SIN001	25 142 146-147 151 155 198 203 244 260 271 280-281 286 288 298 301-302 308 312 334 340 371 398 408 412 414 416 423 426-427 430 434-435 445 452 454 478 503 516 519 521 523 543 547 549 555 559 563 569-570 585 592 604 611 626 628-629 632 650 659 681 710 714 718 750 764 780 798 829 842 857 859 866 887 892 894-895 901 904 906-907 912 919 935 997-998 1000 1007-1008 1026-1028 1044 1055 1089 1097 1116-1117 1131 1148 1169 1199 1219 1234 1247 1264 1279 1316 1320 1326 1341 1343 1349 1351 1374 1387 1398 1400 1403 1407 1423 1428 1468 1498 1501 1521 1550 1556 1565 1587 1636 1638-1639 1645 1653 1656 1662 1671 1675 1684 1691-1692 1704 1711 1717 1719 1722 1725-1726 1729 1733-1734 1743-1744 1762 1767 1780 1785
skeletal muscle	Clontech	SKM001	18 20-21 82 84 101 118 134 146 151 153 166 225-226 258 274 277 289 329 361 412 414 424 440 452 459 470 488 503-504 537-540 647 660 673-675 715 773 780 786 830 905 922 950 963 982 990 992 1020 1047 1063 1115-1117 1121 1134 1228 1268 1284 1298 1321 1329 1336-1337 1343 1409 1413-1414 1509 1599 1624 1644 1653 1712
skeletal muscle	Clontech	SKM002	168 1683 1712
skeletal muscle	Clontech	SKMs03	235-236 1409
skeletal muscle	Clontech	SKMs04	235-236
spinal cord	Clontech	SPC001	4 9 11 17 30-31 35-36 43 46 60

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			82 85 92 94 108 110 116 139 157 167 198 204-205 210 215 229 256 259 277 280-281 300-302 304 315 317 372 379 387 392 419 426-427 430 433 448 467 473 487 489 506 509 513 519 524 526 537-540 543 547 549 551 559 567 569-570 583 607 616-617 623 625 637 649-650 652 657-658 670-671 673 679 681-682 709 711 715 719 728-729 734 749-750 753 775-777 781 789 791 809 820 832 834-836 847-849 854-858 858 861 864 871-872 875 884 898 906-908 917 919 924 934 942 944 970 985 990 992-993 998 1013 1039 1053 1059 1065 1072 1075 1077 1082 1085 1097 1103 1109 1116-1117 1128 1134 1151 1170 1174 1192-1194 1215 1225 1241 1243 1283 1294 1307 1312 1320 1323 1327 1330 1350 1353-1354 1356 1359 1368 1375 1400 1406-1407 1423 1429 1437 1443 1448 1454 1470 1482 1492 1501 1508 1511 1529 1538 1548-1549 1565 1571 1578 1598 1600 1614 1625 1627 1630 1639 1646 1651-1652 1670 1686 1696 1740 1751 1755 1771
adult spleen	Clontech	SPLc01	117 312 326 348 424 426-427 431 845 866 1320 1330 1333 1344 1355-1357 1371 1387 1397 1446 1538 1579 1669 1686 1733 1767
stomach	Clontech	STO001	10 15-16 61 68-69 100 117 149 197 201 227-228 231 249 273 280-281 287 291-292 302 312 358 362 426-427 430 446 462 475 479 535 597 620 630 651 662-664 722 739 780 782 785 846 918 960 964 965-967 976 1008 1012 1032 1042 1063 1071 1135 1170 1208 1234-1235 1259 1277 1280-1281 1322 1349 1359 1369 1449 1468 1474 1478 1487 1493 1498 1557-1559 1622 1634 1651 1653 1729
thalamus	Clontech	THA002	9 11 25 85 87 112 137 146 180 190 198 206 210 212-213 235-236 239 262 268-269 279 290 301 325 333-334 341 351 356 364-365 379 388 393 396 419-420 441-442 458 477 483 508 525 531 549 567 606 608-609 647 681 715 725-727 736 774 782 784 794 827 883 890-891 899-900 961 997 999-1001 1004 1034 1055 1097 1129 1144-1145 1150-1151 1157 1172-1173 1177 1193-1194 1208 1220 1249 1280 1305 1345 1355 1359 1434-1435 1440-1441 1454 1496 1566 1569 1562 1572 1578 1590 1594 1613-1614 1640 1651-1652 1671 1687-1688 1703 1743-1744 1746-1747 1753
thymus	Clontech	THM001	44-45 54 57-58 62-64 79 104 123 126 134 153 193 212-213 218 242-243 258 274 277 279 297 301 307 327 330 333 342 351 358 371 410 430 445 465-466 468 471 483 487 493 503 506 509 517 526 535 537-

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			540 546 548 554 567 584 586 590-591 604 612 621 638-640 645-647 649 656 660 665 670 698 710 720 728 735 739 746 759 762 766-767 775-777 780 784-785 800 802 809 824 826 828 845 851 858-859 864 866 870-871 878 884 887 892 899-900 927 930-931 967 983 986 990 992 999 1014 1029-1030 1033 1059 1066 1073 1103 1107 1113 1116-1117 1119 1140-1142 1158 1163 1172 1177 1195 1206 1209 1213 1216 1218-1219 1221-1222 1227 1271 1277 1282 1320 1329 1349 1367 1369 1383-1384 1417 1419 1423 1425-1427 1448 1477 1488 1493 1536 1554 1620 1644 1646 1649 1654-1655 1661-1662 1669-1670 1674 1676-1677 1685-1688 1707 1711 1731-1732 1737
thymus	Clontech	THMc02	5-9 15-21 25 33 35-36 43-45 48 50-51 54-55 60 75 83 87 89 93 98-100 102 105 112 117 135-137 141 143 146 157 167 169 192 196 211 217-219 222 224 229 233 235-236 240-241 244 251-252 256 261-262 268-269 286 288 290 295 297 301-302 309-310 315-317 321 324 327 334 342 350 352-353 360 370-373 382 384 400 403 410 414-416 424 430-431 436 445 454-456 461 464-467 470 472 474-476 483 488 497 500 504 506 513 516 519-520 524 526 530-531 534 537-540 549 554-555 565-566 569-570 572-573 575-577 586-587 595 603-604 606 612 630-632 634 636 647 650 657-660 666-667 669 673-675 678 698 700 703 708 720 725-726 731 738-739 743-744 750-753 757 759 763-765 767 772-779 787 789-790 798 800 810 823 829 834-836 841 848 854-856 859 861 864 870-871 881 890-891 898 908-909 913 928 933 941 949 958 961 963 967 969 975 981 986 988-990 992 999 1007-1008 1014 1016 1039 1041 1073-1074 1079 1089 1097 1109 1114-1117 1122 1131 1140-1141 1144-1145 1163 1172 1175-1177 1186 1196 1198 1206 1211 1216 1220 1223 1227 1234-1243 1261-1262 1267 1271 1280-1281 1284 1290 1308 1317-1320 1322 1324-1325 1327 1330 1334-1335 1339 1346 1350-1351 1355 1357 1360 1370 1374 1377-1379 1386 1389-1390 1392 1397 1400 1402 1406-1407 1417 1423 1425-1427 1440-1441 1466 1474 1477 1483 1493 1498 1504 1506 1525 1536 1545 1549 1566 1594 1598-1600 1608 1611 1614 1621 1623 1625 1632 1639 1641 1644 1647 1649 1653-1656 1658 1662-1663 1671 1673 1678-1681 1686-1688 1693 1705 1707 1711 1717-1718 1726-1727 1731-1733 1737-1738 1743-1745 1758-1761 1771-1772 1779 1786

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
thyroid gland	Clontech	THR001	4 9-10 20-21 37-39 48 50-51 54-57 60-61 65-66 71 83 94-96 98-100 102 104 110 112 115-117 119 123 127 133 136-137 140 149 152-153 155-158 163-164 168-169 171 186 190-192 197 201-203 219-220 229 233-237 246-247 253 256 258 262 265-266 268-269 277 280-281 284-286 288-289 298-299 302 309-311 317 321 326 332 335 341-342 344 348 350 354 358-359 363 368 371-373 382-383 385 394 398 400-401 411 414-415 421 424 430-431 433-436 443-446 450-452 454-455 458 472-474 476-478 482 484-485 487-488 490-494 496-497 500-501 503-504 506 509-513 516-517 519 524 526-527 529 535-540 547 549 562 564 569-570 575-576 588 594-595 601-602 604 606 610 612 615-617 619-623 628-630 634-635 642 647 649-651 660 662-665 668 670 681 690-694 696 698 700 709 721 727-729 732 734 738 740-741 743 745 750 759 761 763 765 770 773 780 785 795-796 798 802 804 823-824 826 828 833 838 841-845 847 849 857-860 867 874-875 878 880-881 887-888 890-892 894-895 898 908 910-911 913-914 922-923 926-927 929 932-934 937 939 941-942 948 953 957 961 963-964 966 978-979 981-982 987 990 992 1001 1004-1006 1010 1014 1020 1024 1033 1038-1039 1044 1047 1050 1052-1054 1056 1058 1068 1070-1071 1077-1079 1088 1094-1097 1105-1106 1112-1113 1116-1117 1124 1126 1128-1129 1131 1134 1136-1137 1142-1143 1146-1147 1149-1150 1156 1161-1164 1167 1170-1173 1177-1181 1190 1192 1197 1200 1204 1208-1209 1214 1217 1219 1222 1230 1232-1233 1235 1241 1245 1247 1254 1257-1258 1260 1262 1271-1273 1283 1286-1289 1299 1306 1314 1320 1330-1332 1334-1335 1342 1345 1349 1365-1367 1370-1372 1374 1381 1394 1407 1419 1428 1436-1437 1440-1441 1443 1446-1449 1454 1459 1461-1462 1468 1470-1471 1475 1477 1479 1482 1491 1497-1498 1504-1505 1507 1513 1522 1524-1526 1528 1531 1534 1536-1537 1548 1550 1553 1555-1559 1562 1567 1578 1590-1591 1597 1599-1601 1612 1614 1616 1619-1620 1622 1624-1626 1628 1631-1632 1634 1636 1639 1644-1645 1648 1651 1653-1656 1658 1660 1662-1663 1667 1669 1671 1675 1678-1681 1683-1686 1689 1691-1692 1703 1709-1711 1717 1724-1726 1729 1734 1737-1738 1740 1743-1744 1749 1753 1759-1761 1770 1777 1786
trachea	Clontech	TRC001	9 29-31 46 48 87 104 107 110 135 158 222 262 266 286 301 318 331

Tissue Origin	RNA Source	Hyseq Library Name	SEQ ID NOS:
			352 372 377 384 414 424 445-446 454 472 474 491 496 560 579 588 593 597 607 612 626 681 702 719 810 859 866 878 894-895 912 916 922 932 935 1046 1075 1080 1099-1102 1113 1208 1215 1232-1233 1237 1281 1312 1385 1387 1405 1414 1424 1430 1437 1467 1505 1569 1579 1586 1600 1641 1653 1667 1671 1676-1677 1683 1691-1692 1711 1717 1726 1772
uterus	Clontech	UTR001	17 19 25 41 46 57-58 61 89 104 108 139 152 174 198 200-201 206 263-265 274 290 387 408 420 438 446 448 452 473 491 493 499 503 506 513 519 522 526 530 542-543 560 601 610 632 659 665 720 751 773 780 833 845 857 872 877 912 929 934 937 996 1009-1011 1018 1050 1075 1107 1124 1170 1219 1258 1279 1287 1310 1320 1323 1343-1344 1375 1437 1451-1452 1478 1481 1498 1519 1521 1536 1552 1579 1597 1602 1606 1620 1626-1627 1649 1652 1661 1670 1719 1722-1723

TRADOCS:1416191.1(%CQN01!.DOC)

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1	Y41736	Homo sapiens	Human PRO1114 protein sequence.	1398	100
2	Y66556	Homo sapiens	Membrane-bound protein PRO943.	2389	99
3	AF113136	Homo sapiens	IL-1 receptor-associated-kinase-M; IRAK-M	3043	100
4	AF017806	Mus musculus	Zn-15 transcription factor	6351	77
5	X02761	Homo sapiens	fibronectin precursor	10535	98
6	X02761	Homo sapiens	fibronectin precursor	8990	89
8	X02761	Homo sapiens	fibronectin precursor	12564	99
9	AJ011679	Homo sapiens	Rab6 GTPase activating protein, GAPCenA	5251	99
10	W88501	Homo sapiens	Human stomach carcinoma clone HP10415-encoded protein.	2381	100
11	AF117754	Homo sapiens	thyroid hormone receptor-associated protein complex component TRAP240	11336	98
12	Z97630	Homo sapiens	dJ466N1.4 (novel protein similar to ANK3 (ankyrin 3, node of Ranvier (ankyrin G)))	896	100
13	Y58520	Homo sapiens	Protein regulating gene expression PRG3-13.	1894	98
14	AF213457	Homo sapiens	triggering receptor expressed on myeloid cells 2	1238	100
16	AF233453	Homo sapiens	RACK-like protein PRKCBP1	3124	99
17	AF201303	Homo sapiens	dhfr oribeta-binding protein RIP60	3130	98
18	AF054205	Homo sapiens	dynactin 1 p150 isoform	6377	100
19	U00059	Saccharomyces cerevisiae	Yhr121wp	174	26
20	AB032903	Homo sapiens	guanosine monophosphate reductase isolog	1801	99
21	AB032903	Homo sapiens	guanosine monophosphate reductase isolog	1485	99
22	AF140507	Homo sapiens	Ca2+/calmodulin-dependent protein kinase kinase beta	3083	99
23	AF140507	Homo sapiens	Ca2+/calmodulin-dependent protein kinase kinase beta	2300	99
24	AJ289131	Homo sapiens	chondroitin 4-O-sulfotransferase	2211	99
25	U33460	Homo sapiens	DNA-directed RNA polymerase I, largest subunit	8777	98
26	Y64488	Homo sapiens	ACRP30R2 variant protein.	1387	100
27	U43701	Homo sapiens	ribosomal protein L23a	791	100
28	U02032	Homo sapiens	ribosomal protein L23a	767	97
29	Y41324	Homo sapiens	Human secreted protein encoded by gene 17 clone HNFIX77.	1083	99
30	W71749	Homo sapiens	Human ubiquitin conjugation system protein 2.	715	90
31	W71749	Homo sapiens	Human ubiquitin conjugation system protein 2.	631	82
32	AF231917	Homo sapiens	long-chain 2-hydroxy acid oxidase HAOX2	1811	100
33	Z29481	Homo sapiens	3-hydroxyanthranilic acid dioxygenase	1507	99
34	AB001451	Homo sapiens	Sck	2869	100
35	Y00644	Homo sapiens	precursor polypeptide (AA -34 to 287)	1667	99
36	Y00644	Homo sapiens	precursor polypeptide (AA -34 to 287)	1104	98
37	Y78795	Homo sapiens	Human antizual-2 (AZ-2) amino acid sequence.	3586	78
38	Y78795	Homo sapiens	Human antizual-2 (AZ-2) amino acid sequence.	4726	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
39	Y78795	Homo sapiens	Human antisual-2 (AZ-2) amino acid sequence.	3856	77
40	U93121	Homo sapiens	M-phase phosphoprotein-1	3747	100
41	Y42750	Homo sapiens	Human calcium binding protein 1 (CaBP-1).	795	100
42	AF282626	Homo sapiens	latexin	1189	100
43	G02150	Homo sapiens	Human secreted protein, SEQ ID NO: 6231.	384	94
44	U19617	Mus musculus	Elf-1	2774	88
45	U19617	Mus musculus	Elf-1	2052	86
46	AF100758	Homo sapiens	osteoinductive factor OIF	1538	100
47	Y87591	Homo sapiens	Human SPROUTY-1 protein, SEQ ID NO:24.	1737	99
49	X04145	Homo sapiens	T3 gamma precursor (aa -22 to 160)	942	99
51	X63547	Homo sapiens	oncogene	5845	99
52	M94043	Rattus norvegicus	rab-related GTP-binding protein	1089	96
53	L31783	Mus musculus	uridine kinase	917	71
54	X83973	Homo sapiens	transcription factor	4485	98
55	AF224741	Homo sapiens	chloride channel protein 7	4128	99
56	W74805	Homo sapiens	Human secreted protein encoded by gene 77 clone HDEAS24.	1491	100
57	Z50907	Homo sapiens	Human TEC-1 cDNA from second transcript.	4824	100
58	D79994	Homo sapiens	similar to ankyrin of Chromatium vinosum.	6089	99
59	D79994	Homo sapiens	similar to ankyrin of Chromatium vinosum.	4014	91
60	Y59738	Homo sapiens	Human normal ovarian tissue derived protein 15.	601	100
61	AB031069	Homo sapiens	protein containing CXXC domain 1	1390	100
62	Y66560	Homo sapiens	Membrane-bound protein PRO783.	2492	99
63	Y66560	Homo sapiens	Membrane-bound protein PRO783.	1709	99
64	S70011	Rattus sp.	tricarboxylate carrier	895	55
65	AF139518	Rattus norvegicus	A-kinase anchor protein	178	24
66	W29666	Homo sapiens	Homo sapiens DH1308_1 clone secreted protein.	157	30
67	AJ245738	Homo sapiens	claudin-15	1206	100
68	AF039138	Rattus norvegicus	GLUT4 vesicle protein	4183	87
69	AF039138	Rattus norvegicus	GLUT4 vesicle protein	4906	86
70	Z82059	Caenorhabditis elegans	Similarity to Drosophila ring canal protein comes from this gene	1285	44
71	AF224278	Homo sapiens	PMEPA1 protein	1282	100
72	AF126426	Homo sapiens	neurotrimin	1809	100
73	Y41652	Homo sapiens	Human MSK2 protein sequence.	2065	99
74	Y41652	Homo sapiens	Human MSK2 protein sequence.	1207	100
75	AF188622	Mus musculus	selectively expressed in embryonic epithelia protein-1	1485	74
76	AE000406	Escherichia coli	putative DNA topoisomerase	950	100
77	X93302	Homo sapiens	Pop1	655	100
78	AL136538	Schizosaccharomyces pombe	similarity to S. cerevisiae ktil2 protein	210	31
79	AF129756	Homo sapiens	G4	1554	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
80	AL096768	Homo sapiens	dJ858B16.2 (phosphatidylserine decarboxylase (PSSC, EC 4.1.1.65))	2033	100
81	AL096768	Homo sapiens	dJ858B16.2 (phosphatidylserine decarboxylase (PSSC, EC 4.1.1.65))	1220	96
82	X57351	Homo sapiens	1-8D	677	98
83	AC005594	Homo sapiens	R26384_1	2700	98
84	X73113	Homo sapiens	fast Myb-C	5959	99
85	AF037330	Homo sapiens	Hi chloride channel; p64Hi; CLIC4	1305	99
86	AB018423	Mus musculus	SH2 domain-containing protein	1360	78
87	AF272151	Homo sapiens	adaptor protein CIKS	3084	99
88	AF195329	Homo sapiens	triggering receptor expressed on monocytes 1	1214	100
89	AB016879	Arabidopsis thaliana	contains similarity to pre-mRNA splicing factor-gene_id:MRB17.2	634	36
90	AJ133721	Mus musculus	homeodomain protein	654	57
91	AJ242864	Mus musculus	phtf protein	619	61
92	A61971	unidentified	MCSF	11676	99
93	Y99365	Homo sapiens	Human PRO1250 (UNQ633) amino acid sequence SEQ ID NO:86.	3890	100
94	Y87231	Homo sapiens	Human signal peptide containing protein HSPP-8 SEQ ID NO:8.	1031	100
95	AF227741	Rattus norvegicus	protein kinase WNK1	2428	95
96	AF227741	Rattus norvegicus	protein kinase WNK1	1961	94
97	Y92513	Homo sapiens	Human CXRE-10.	1626	100
98	AL021366	Homo sapiens	cTCM0721Q.3 (Kinesin related protein)	3423	100
99	AC005783	Homo sapiens	R33083_1	1974	99
100	Y95293	Homo sapiens	Human GEP containing NEK-like kinase substrate sGNK.	4092	99
101	AL118501	Homo sapiens	dJ1191N16.1 (A novel protein (translation of the cDNA DKFZp566A094E, Em:AL050069))	1509	100
102	AJ006267	Homo sapiens	ClpX-like protein	3233	100
103	AF100753	Homo sapiens	ancient ubiquitous 46 kDa protein AUP1	2042	96
104	AB015982	Homo sapiens	serine/threonine kinase	4718	100
105	AF151074	Homo sapiens	HSPC240	831	64
106	M35522	Canis familiaris	GTP-binding protein (rab7)	354	50
107	R99800	Homo sapiens	NTII-1 nerve protein, facilitates regeneration of nerve cells.	2337	93
108	AF125533	Homo sapiens	NADH-cytochrome b5 reductase isoform	1230	93
109	AC005614	Homo sapiens	F23269_2	3369	99
110	AF064729	Homo sapiens	RAN binding protein 16	3285	100
111	X52425	Homo sapiens	interleukin 4 receptor	4496	100
112	Y41686	Homo sapiens	Human PRO274 protein sequence.	2285	100
113	W15506	Homo sapiens	Mitogen activating protein kinase ERK1.	1991	100
114	Y71071	Homo sapiens	Human membrane transport protein, MTRP-16.	1190	99
115	AL049548	Homo sapiens	dJ398G3.1 (ortholog of rat CPG2)	3497	99
116	AF189817	Mus musculus	evectin-2	1124	90
117	W30891	Homo	Human cytostatin III protein.	715	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		sapiens			
118	AF116618	Homo sapiens	PRO1038	1469	100
119	Y08915	Homo sapiens	alpha 4 protein	1748	100
120	AF098070	Drosophila melanogaster	Lis1 homolog	192	39
121	AF052432	Homo sapiens	katanin p80 subunit	181	37
122	Y70743	Homo sapiens	PSEQ-1 protein encoded by NSEQ gene associated with matrix remodelling.	2637	98
123	AF083246	Homo sapiens	HSPC028	2-32	100
124	Y27096	Homo sapiens	Human viral receptor protein (ACVRP).	833	99
125	M63109	Leishmania major	glycoprotein 96-92	172	27
126	U75467	Drosophila melanogaster	Atu	935	36
127	Z68220	Caenorhabditis elegans	Similarity to Human ADP/ATP carrier protein	438	43
128	AF095927	Rattus norvegicus	protein phosphatase 2C	1927	94
129	W92958	Homo sapiens	Human zsig44 protein.	463	100
130	AF115391	Lactobacillus sakei	ribokinase RbsK	508	27
131	X93498	Homo sapiens	21-Glutamic Acid-Rich Protein	1250	100
132	X93498	Homo sapiens	21-Glutamic Acid-Rich Protein	916	87
133	W52811	Homo sapiens	Human DBI/ACBP -like protein (DBIH).	705	97
134	Y84444	Homo sapiens	Amino acid sequence of a human RNA-associated protein.	3230	100
135	M69181	Homo sapiens	non-muscle myosin B	189	20
136	W74882	Homo sapiens	Human secreted protein encoded by gene 154 clone HE6FL83.	480	100
137	W78200	Homo sapiens	Human secreted protein encoded by gene 75 clone HHGAU81.	855	99
138	AL033520	Homo sapiens	dJ349A12.1 (similar to KIAA0701 protein)	424	39
139	AF020261	Santalum album	proline rich protein	119	30
140	X70394	Homo sapiens	zinc finger protein	1634	100
141	Y06439	Homo sapiens	Human protease HUPM-8	936	100
142	Z68493	Caenorhabditis elegans	predicted using Genefinder	385	42
143	AB018107	Arabidopsis thaliana	ADP-ribosylation factor-like protein	596	65
144	AF161483	Homo sapiens	HSPC134	580	51
145	Y84902	Homo sapiens	A human proliferation and apoptosis related protein.	480	100
146	AB004906	Ipomoea purpurea	transposase	146	20
147	AC007357	Arabidopsis thaliana	F3P19.18	647	31
148	W75155	Homo sapiens	Human secreted protein encoded by gene 41 clone HNTMS13.	1494	98
149	AF056490	Homo sapiens	cAMP-specific phosphodiesterase 8A	3710	99
150	Y58171	Homo sapiens	Human hydrolase homologue HHH-7.	785	99
151	U10397	Saccharomyces cerevisiae	Yhr148wp	515	53
152	X73478	Homo sapiens	phosphotyrosyl phosphatase activator	1719	99
153	AL049697	Homo sapiens	dJ382I10.5.1 (novel protein	2034	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			similar to arginyl-tRNA)		
154	AF169802	Homo sapiens	cytochrome b5 reductase b5R.2	1455	99
155	X94703	Homo sapiens	rab28	1126	89
156	Y25716	Homo sapiens	Human secreted protein encoded from gene 6.	1471	100
158	W77404	Homo sapiens	Secreted salivary polypeptide zsig32.	937	100
159	Y17248	Homo sapiens	Human protein kinase inhibitor-2 (PKI-2).	383	100
160	J04970	Homo sapiens	carboxypeptidase M precursor	2395	100
161	W54040	Homo sapiens	Human interferon-inducible protein, HIPI.	484	98
162	AL022724	Homo sapiens	dJ413H6.1.1 (hamster Androgen-dependent Expressed Protein LIKE PUTATIVE protein) (isoform 1)	1357	100
163	AF125535	Homo sapiens	pp21 homolog	193	45
164	G03632	Homo sapiens	Human secreted protein, SEQ ID NO: 7713.	463	97
165	AJ250839	Homo sapiens	serine/threonine protein kinase	1442	71
166	L09649	Zymomonas mobilis	zm2	173	37
167	Y73337	Homo sapiens	HTEM clone 1944530 protein sequence.	1204	100
168	W88645	Homo sapiens	Secreted protein encoded by gene 112 clone HUKFC71.	1084	100
169	AF214731	Homo sapiens	ATP-dependent RNA helicase	4402	100
170	AE000871	Methanobacterium thermoautotrophicum	conserved protein	166	27
171	Y27684	Homo sapiens	Human secreted protein encoded by gene No. 113.	821	100
172	AF226044	Homo sapiens	HSNFRK	2904	100
173	AC245946	Homo sapiens	neuroglobin	779	100
174	D43949	Homo sapiens	This gene is novel.	3202	100
175	Y07923	Homo sapiens	GTP-binding protein	1205	100
176	W90338	Homo sapiens	Human DP1 homologue protein.	966	100
177	Y41675	Homo sapiens	Human channel-related molecule HCRM-3.	1122	100
178	Y41674	Homo sapiens	Human channel-related molecule HCRM-2.	936	99
179	AF220492	Homo sapiens	krueppel-like zinc finger protein HZF2	4100	99
180	X03084	Homo sapiens	C1q B-chain precursor	1240	100
181	U57344	Mus musculus	Meis3	1813	89
183	U57344	Mus musculus	Meis3	1743	86
184	U57344	Mus musculus	Meis3	1070	86
185	AF033120	Homo sapiens	p53 regulated PA26-T2 nuclear protein	1389	58
186	AF200357	Mus musculus	pantothenate kinase 1 beta	1605	82
187	W75058	Homo sapiens	Human secreted protein encoded by gene 2 clone HLDBG33.	1188	99
188	AJ292529	Homo sapiens	suppressor of sterile four 1	2424	100
190	X54134	Homo sapiens	protein-tyrosine phosphatase	3705	100
191	Y22203	Homo sapiens	Human calcium-binding phosphoprotein, CBPP-1, protein sequence.	1083	99
192	W63692	Homo sapiens	Human secreted protein 12.	1975	100
193	W87772	Homo sapiens	Human serum glucocorticoid-regulated kinase (H-SGK2) polypeptide.	2605	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
194	AF084259	Mus musculus	bromodomain-containing protein BP75	693	54
195	Y00752	Rattus norvegicus	serine dehydratase (AA 1 - 327)	994	61
196	W95349	Homo sapiens	Human foetal brain secreted protein fh170_7.	2596	100
197	AB028859	Homo sapiens	hDj9	1890	100
198	W95633	Homo sapiens	Homo sapiens secreted protein gene clone hm236_1.	1614	100
199	Y44277	Homo sapiens	Human nucleic acid methylase-2.	2096	99
200	AB030039	Homo sapiens	hPACPL1	2258	100
201	X54162	Homo sapiens	64 Kd autoantigen	2918	99
202	G02061	Homo sapiens	Human secreted protein, SEQ ID NO: 6142.	558	99
203	X13885	Nicotiana tabacum	extensin (AA 1-620)	185	33
204	J04204	Bos taurus	32 kd accessory protein	1837	100
205	J04204	Bos taurus	32 kd accessory protein	1101	100
207	Y87283	Homo sapiens	Human signal peptide containing protein HSPP-60 SEQ ID NO:60.	1318	100
208	Y02860	Homo sapiens	Fragment of human secreted protein encoded by gene 65.	936	98
209	AL121889	Homo sapiens	dJ1076E17.1 (KIAAC823 protein (continues in AL023803))	694	54
210	AF226732	Homo sapiens	NPT007	1345	76
211	X66295	Mus musculus	C1q C chain	970	73
212	Z29328	Homo sapiens	Ubiquitin-conjugating enzyme UbcH2	966	100
213	Z29328	Homo sapiens	Ubiquitin-conjugating enzyme UbcH2	542	98
214	AJ002030	Homo sapiens	progresterone binding protein	1163	100
215	X70649	Homo sapiens	member of DEAD box protein family	3933	100
216	AF250558	Homo sapiens	claudin-2	1169	99
217	AL021453	Homo sapiens	dJ921D11.1 (PUTATIVE protein)	259	100
218	Y08565	Homo sapiens	UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase	3331	99
219	Y94452	Homo sapiens	Human inflammation associated protein	2067	100
220	AL035521	Arabidopsis thaliana	putative protein	315	42
221	AL031786	Schizosaccharomyces pombe	putative proline-tRNA synthetase	811	41
222	AL109736	Schizosaccharomyces pombe	WD repeat protein	626	40
223	X52493	Glycine max	DNA-directed RNA polymerase	136	23
224	AL035659	Homo sapiens	dJ979N1.1 (dJ979N1.1)	5199	98
225	AB032401	Mus musculus	mmDj4	1761	92
226	AB032401	Mus musculus	mmDj4	1988	92
227	X83502	Saccharomyces cerevisiae	J1007	112	26
228	X83502	Saccharomyces cerevisiae	J1007	79	25
229	AF143723	Homo sapiens	heat shock protein HSP60	2557	99
230	Y66677	Homo sapiens	Membrane-bound protein PRO828.	982	100
231	AB027466	Homo sapiens	spondin 2	1756	99
232	W95634	Homo sapiens	Homo sapiens secreted protein.	1391	100
233	W00365	Homo sapiens	Human cyclin B1.	2218	99
234	Y53762	Homo sapiens	A GTP-binding polypeptide	1017	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			designated RAQ.		
235	Z50749	Homo sapiens	yeast sds22 homolog	1800	100
236	Z50749	Homo sapiens	yeast sds22 homolog	1754	98
237	AB026491	Homo sapiens	PICK1	2137	100
238	AJ270205	Entodinium caudatum	putative phosphatidylinositol-4-phosphate 5-kinase	114	37
239	AB030189	Mus musculus	contains transmembrane (TM) region and ATP binding region	710	93
240	W56538	Homo sapiens	Human hedgehog interacting protein (HIP).	3785	99
241	W56538	Homo sapiens	Human hedgehog interacting protein (HIP).	3436	99
242	AF155107	Homo sapiens	NY-REN-37 antigen	996	99
243	AF155107	Homo sapiens	NY-REN-37 antigen	1005	100
244	AL031320	Homo sapiens	dJ720N2.1 (novel protein similar to yeast and bacterial cytosine deaminase)	763	99
245	U37026	Rattus norvegicus	sodium channel beta 2 subunit	162	30
246	AL078599	Homo sapiens	dJ991C6.1 (novel protein similar to C. elegans F55A12.9 (Tr:P91086))	2391	98
247	U32274	Saccharomyces cerevisiae	YdR386wp; CAI: 0.12	191	37
248	Y41719	Homo sapiens	Human PRO864 protein sequence.	1879	100
249	AB029434	Homo sapiens	ghrelin precursor	611	100
250	X97831	Rattus norvegicus	carnitine/acylcarnitine carrier protein	246	38
251	W80993	Homo sapiens	Human RIP-interacting factor RIF.	1724	100
252	Y94873	Homo sapiens	Human protein clone HP02632.	1876	100
253	W59878	Homo sapiens	Amino acid sequence of the cDNA clone AIF-2 (HBSGM49).	765	100
254	AL354533	Leishmania major	possible adenylate kinase	265	34
255	AF233322	Mus musculus	zinc transporter like 2	1916	95
256	Y78113	Homo sapiens	Human cytokine signal regulator CKSR-1 SEQ ID NO:1.	2247	99
257	AL035539	Arabidopsis thaliana	putative amino acid transport protein	390	27
258	W74787	Homo sapiens	Human secreted protein encoded by gene 58 clone HHFHN61.	1171	100
259	AL035689	Homo sapiens	dJ387J11.1 (novel protein similar to protein kinase C inhibitors)	974	100
260	AE000909	Methanobacterium thermoautotrophicum	serine/threonine protein kinase related protein	363	30
261	AL050131	Homo sapiens	hypothetical protein	626	100
262	AF019661	Mus musculus	zeta proteasome chain; PSMA5	1214	100
263	AL035593	Homo sapiens	dJ1107E.1 (novel protein)	821	100
264	AL022318	Homo sapiens	bK150C2.3 (PUTATIVE novel protein similar to APOBEC1)	1072	100
265	AF205940	Homo sapiens	endomucin	1289	100
266	AL023583	Homo sapiens	dJ500L14.1 (novel protein)	789	100
267	AL034548	Homo sapiens	dJ1103G7.3 (novel protein kinase domains containing protein similar to phosphoprotein C8FW)	1888	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
268	AF161470	Homo sapiens	HSPC121	1884	98
269	AF161470	Homo sapiens	HSPC121	1232	96
270	X90763	Homo sapiens	HHa5 hair keratin type I intermediate filament	2190	99
271	AF207600	Homo sapiens	ethanolamine kinase	1952	100
272	W32334	Homo sapiens	intercellular adhesion molecule 2	1436	100
273	AF161483	Homo sapiens	HSPC134	663	61
274	Y53052	Homo sapiens	Human secreted protein clone df202_3 protein sequence SEQ ID NO:110.	887	100
276	Y77576	Homo sapiens	Human cytoskeletal protein (HCYT) (clone 2195418).	762	100
277	AF077042	Homo sapiens	30S ribosomal protein S7 homo.og	1269	100
278	Y94307	Homo sapiens	Human secreted protein clone ca106_19x protein sequence SEQ ID NO:20.	1619	98
279	Y68788	Homo sapiens	Amino acid sequence of a human phosphorylation effector PHSP-20.	2801	99
280	Z75134	Canis familiaris	rod transducin	1816	100
281	Z75134	Canis familiaris	rod transducin	1718	96
282	AF249873	Homo sapiens	muscle-specific protein	1395	100
283	AL050007	Homo sapiens	hypothetical protein	405	98
284	AF201931	Homo sapiens	DC1	1859	99
285	AF156102	Homo sapiens	ELL complex EAP30 subunit	1318	99
286	Y35897	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 146.	1250	99
287	U88964	Homo sapiens	HEM45	923	100
288	AL050143	Homo sapiens	hypothetical protein	598	100
289	AJ011098	Homo sapiens	telethonin	574	100
290	Y66724	Homo sapiens	Membrane-bound protein PRO836.	2321	100
291	AF034801	Homo sapiens	liprin-alpha4	2565	98
292	AF034801	Homo sapiens	liprin-alpha4	2590	100
293	AL049851	Homo sapiens	dJ983J22B.1 (novel protein (isoform 1))	1738	100
294	Y73348	Homo sapiens	HTRM clone 839651 protein sequence.	1245	99
295	L11672	Homo sapiens	zinc finger protein	1694	44
296	AL035423	Homo sapiens	dJ201I3.1 (brain mitochondrial carrier protein-1 (BNCP1))	1024	79
297	AF198532	Homo sapiens	lymphoid enhancer binding factor-1	2173	100
298	AF161417	Homo sapiens	HSPC299	1147	85
299	AF159141	Homo sapiens	breast cancer metastasis-suppressor 1	1236	99
300	U26397	Rattus norvegicus	inositol polyphosphate 4-phosphatase	160	30
301	AF036145	Homo sapiens	meningioma-expressed antigen 5	3458	100
302	Z82022	Homo sapiens	GlcNac-1-P transferase	2067	99
303	AF269232	Mus musculus	butyrophilin-like protein BUTR-1	271	50
304	AJ222644	Arabidopsis thaliana	asparaginyl-tRNA synthetase	659	50
305	AF054180	Homo sapiens	hematopoietic cell derived zinc finger protein	351	79
306	AJ272079	Homo sapiens	APOBEC-1 stimulating protein	3056	100
308	Y44486	Homo sapiens	Human GPRW receptor polypeptide.	1721	100
309	AJ131891	Homo sapiens	DNA polymerase mu	2598	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
310	AF293335	Homo sapiens	p30 DBC	1368	92
311	AF176525	Mus musculus	F-box protein FBL12	1501	93
312	X57802	Homo sapiens	immunoglobulin lambda light chain	959	81
313	Z36715	Homo sapiens	Net	2048	98
314	AF161532	Homo sapiens	HSPC047	727	100
315	AF208068	Homo sapiens	kelch-like protein KLHL3a	3046	100
316	Y66666	Homo sapiens	Membrane-bound protein PRO1013.	1166	100
317	Y29666	Homo sapiens	Human Ras protein RAPR-1.	1253	98
318	AJ387747	Homo sapiens	sialin	2614	99
319	AF161362	Homo sapiens	HSPC039	224	40
320	Y68773	Homo sapiens	Amino acid sequence of a human phosphorylation effector PHSP-5.	2243	99
321	AJ238379	Homo sapiens	putative TH1 protein	3013	100
322	AB040812	Homo sapiens	protein kinase PAK5	3792	99
323	Y95013	Homo sapiens	Human secreted protein vc48_1, SEQ ID NO:66.	913	100
324	Y13381	Homo sapiens	Amino acid sequence of protein PRO271.	1976	100
325	Y94944	Homo sapiens	Human secreted protein clone bf157_16 protein sequence SEQ ID NO:94.	2305	98
326	Y76884	Homo sapiens	Retinoblastoma binding protein-7sequence.	6728	99
327	AF198532	Homo sapiens	lymphoid enhancer binding factor-1	2173	100
328	Z78013	Caenorhabditis elegans	Similarity to Drosophila Cadherin-related tumor suppressor	569	33
329	AF212921	Mus musculus	PMTV receptor variant 1	484	94
330	Z75330	Homo sapiens] >R65207 R65207 02-MAR-1995 27-AUG-1993 Human stromalin-1. [Homo sapiens	nuclear protein SA-1	6492	99
331	AL008583	Homo sapiens	dJ327J16.3 (supported by GENSCAN, FGENES and GENENISE)	2133	99
332	Y36104	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 489.	310	41
333	AJ271669	Homo sapiens	putative sialoglycoprotease	1747	100
334	AF156598	Mus musculus	p53-regulated DDA3	997	64
335	W99058	Eimeria maxima	em100 gene is homologous the Eimeria tenella gene et100	154	26
336	Y85564	Homo sapiens	Human homologue of UNC-53 (Hs-UNC-53/1) sequence.	3386	97
337	Y85564	Homo sapiens	Human homologue of UNC-53 (Hs-UNC-53/1) sequence.	2602	94
338	Y85564	Homo sapiens	Human homologue of UNC-53 (Hs-UNC-53/1) sequence.	3447	98
339	Z66561	Caenorhabditis elegans	Similarity to Human rab13 protein (PIR Acc. No. A49647).	716	34
340	AB021643	Homo sapiens	gonadotropin inducible transcription repressor-3	2761	99
341	G01946	Homo sapiens	Human secreted protein, SEQ ID NO: 6027.	465	98
342	AF020591	Homo sapiens	zinc finger protein	1091	48
343	L29154	Homo sapiens	immunoglobulin heavy chain	439	84

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			VDJ region		
344	U10281	Sus scrofa	gastric mucin	279	24
345	AX000404	Homo sapiens	unnamed protein product	1177	99
346	L22557	Rattus norvegicus	calmodulin-binding protein	1949	84
347	L22557	Rattus norvegicus	calmodulin-binding protein	2363	91
348	AL049481	Arabidopsis thaliana	AIG1-like protein	316	30
350	AJ251516	Mus musculus	cysteine and histidine-rich protein	1480	99
351	AK024477	Homo sapiens	FLJ00070 protein	1773	100
352	U50133	Homo sapiens	ankyrin	502	33
353	AK000625	Homo sapiens	unnamed protein product	721	100
354	AF161420	Homo sapiens	HSPC302	2623	87
355	AJ010014	Homo sapiens	M96A protein	1269	47
356	AF151029	Homo sapiens	HSPC195	941	91
357	AL022327	Homo sapiens	dJ355C18.1 (KIAA0027)	1911	100
358	W78128	Homo sapiens	Human secreted protein encoded by gene 3 clone HOSBI96.	1117	100
359	X03414	Drosophila melanogaster	Kr polypeptide	316	45
360	AF151079	Homo sapiens	HSPC245	643	100
361	Y53886	Homo sapiens	A suppressor of cytokine signalling protein designated HSCOP-6.	530	41
362	AF254741	Drosophila melanogaster	Centaurin Gamma 1A	681	46
363	AF213465	Homo sapiens	dual oxidase	2016	100
364	AF181562	Homo sapiens	proSAAS	1319	100
365	AF181562	Homo sapiens	proSAAS	1024	99
366	U73200	Mus musculus	pl16Rip	884	82
367	AF263744	Homo sapiens	erbb2-interacting protein ERBIN	4973	99
368	U37501	Mus musculus	laminin alpha 5 chain	5867	72
369	AF043695	Caenorhabditis elegans	similar to the protein phosphatase 2c family	549	36
370	Y73440	Homo sapiens	Human secreted protein clone yj23_1 protein sequence SEQ ID NO:102.	1484	99
371	AF272833	Homo sapiens	misato	2869	97
372	AF198454	Homo sapiens	epithelial protein lost in neoplasm beta	3927	100
373	Y73345	Homo sapiens	HTRM clone 438283 protein sequence.	273	80
374	AF169017	Homo sapiens	formiminotransferase cyclodeaminase	2717	98
375	A95106	unidentified	RED ALPHA	1202	99
376	W74828	Homo sapiens	Human secreted protein encoded by gene 100 clone HLQAB52.	1012	99
377	Y32131	Homo sapiens	Human LYST-2 protein.	3556	99
378	M14912	Homo sapiens	pol	132	86
379	AF090934	Homo sapiens	PRO0518	382	100
380	X66363	Homo sapiens	serine/threonine protein kinase	2499	100
381	Y41699	Homo sapiens	Human PRO703 protein sequence.	2362	100
382	AF174498	Homo sapiens	GR AP-1 specific protein phosphatase	7008	98
383	U64608	Caenorhabditis elegans	coded for by C. elegans cDNA yk173c12.5	246	36
384	U50133	Homo sapiens	ankyrin	502	33
385	AJ238520	Homo sapiens	putative transcription factor-like nuclear regulator	4123	97

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
387	AF208845	Homo sapiens	BM-003	1375	99
389	X57821	Homo sapiens	immunoglobulin lambda light chain	797	76
390	AF132404	Homo sapiens	mitochondrial uncoupling protein 1	1670	99
391	Y85564	Homo sapiens	Human homologue of UNC-53 (Hs-UNC-53/1) sequence.	3386	97
393	AF178432	Homo sapiens	SH3 protein	3700	100
394	AF229928	Drosophila melanogaster	cytoplasmic protein 89EC	1616	62
395	AF181721	Homo sapiens	RU2S	2254	100
396	Y59197	Homo sapiens	Amino acid sequence of a human betaIV-spectrin protein.	1626	98
397	U48238	Mus musculus	zinc finger protein neuro-d4	749	60
398	AL390137	Homo sapiens	hypothetical protein	263	51
399	AF217525	Homo sapiens	Down syndrome cell adhesion molecule	5337	60
400	AL022599	Schizosaccharomyces pombe	WD repeat protein	447	27
401	AC004859	Homo sapiens	similar to 2-oxoglutarate dehydrogenase ; similar to Q22218 (PID:g1352618)	4176	78
402	AB010266	Mus musculus	tenascin-X	10246	62
403	AL133288	Homo sapiens	dJ671D7.1 (similar to D.melanogaster CG5986 protein)	761	100
404	Z68753	Caenorhabditis elegans	ZC518.3b	888	48
405	Z78013	Caenorhabditis elegans	Similarity to Drosophila Cadherin-related tumor suppressor	569	33
406	AB033230	Homo sapiens	protein containing CXXC domain 2	1196	97
407	AF155106	Homo sapiens	NY-REN-36 antigen	1168	100
408	Y57945	Homo sapiens	Human transmembrane protein HTMPN-69.	1538	99
409	Z18361	Ovis aries	trichohyalin	184	30
410	AF249744	Homo sapiens	RhoGEF	2733	100
411	AF176529	Mus musculus	F-box protein FBX13	2072	94
412	AF210842	Homo sapiens	HARP	4880	100
413	AL031658	Homo sapiens	dJ310G13.7 (novel protein similar to H. roretzi HRPET-3)	776	98
414	X57398	Homo sapiens	pm5 protein	6131	99
415	AB029826	Homo sapiens	3-methylcrotonyl-CoA carboxylase biotin-containing subunit	2961	99
416	U03503	Saccharomyces cerevisiae	LphIp	115	42
417	AL160493	Leishmania major	possible t26f17.21	239	35
418	Y08100	Homo sapiens	Human PRO331 protein.	330	29
419	U15131	Homo sapiens	p126	2228	54
420	AF117946	Homo sapiens	Link guanine nucleotide exchange factor II	2363	100
421	AF190635	Drosophila melanogaster	ankyrin 2	755	30
422	AF302150	Homo sapiens	phosphoinositol 3-phosphate-binding protein-2	1962	100
423	AL137530	Homo sapiens	hypothetical protein	433	94
424	X63753	Homo sapiens	son-a	7269	100
425	AB027249	Homo sapiens	MAPKK like protein kinase	1693	100
426	AF279144	Homo sapiens	tumor endothelial marker 7 precursor	1084	55

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
427	AF279144	Homo sapiens	tumor endothelial marker 7 precursor	1259	56
428	AE003683	Drosophila melanogaster	CG8312 gene product	149	29
429	Y07829	Homo sapiens	RING finger protein	2201	99
430	AF096897	Drosophila melanogaster	pushover	4442	47
431	U41387	Homo sapiens	Gu protein	4021	99
432	AF023674	Homo sapiens	nephrocystin	3783	100
433	AF146760	Homo sapiens	septin 2-like cell division control protein	2284	100
434	AB006697	Arabidopsis thaliana	cleft lip and palate associated transmembrane protein-like	886	42
437	Y94247	Homo sapiens	Human calcium binding protein hCBP.	1704	100
438	AB040672	Homo sapiens	UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase	1075	63
439	AF105228	Bos taurus	tuftelin	285	33
440	R06463	Homo sapiens	Derived protein of clone ICA13 (ATCC 40553).	3073	99
441	X14971	Mus musculus	alpha-adaptin (A) (AA 1-977)	4897	98
442	X53773	Rattus norvegicus	alpha-c large chain (AA 1-938)	3979	81
443	Y66689	Homo sapiens	Membrane-bound protein ZRC1136.	3299	99
444	AC067754	Arabidopsis thaliana	unknown protein; 20348-23707	114	33
445	AF229032	Mus musculus	p1L	2077	93
446	AF056035	Rattus norvegicus	s-nexilin	2662	85
447	AF132484	Mus musculus	unknown	478	51
448	W89024	Homo sapiens	Polypeptide fragment encoded by gene 156.	528	45
449	AF161445	Homo sapiens	HSPC327	1606	100
450	Z68753	Caenorhabditis elegans	ZC518.3b	951	49
451	W39160	Homo sapiens	Human partial complement factor H protein fragment 3.	155	32
452	W85727	Homo sapiens	Novel protein (Clone BM46_10).	2799	99
453	Y53629	Homo sapiens	A bone marrow secreted protein designated BMS115.	2810	100
454	D87438	Homo sapiens	Similar to a C.elegans protein in cosmid C14H10	4069	100
455	AF240468	Homo sapiens	nicastrin	3687	100
456	Z15005	Homo sapiens	CENP-E	13305	99
457	M59216	Homo sapiens	gamma-aminobutyric acid receptor beta-1 subunit	2477	100
458	Y73467	Homo Sapiens	Human secreted protein clone yd61_1 protein sequence SEQ ID NO:156.	966	100
459	W67824	Homo sapiens	Human secreted protein encoded by gene 18 clone HSL7M29.	535	100
460	AF163151	Homo sapiens	dentin sialophosphoprotein precursor	279	19
461	D87446	Homo sapiens	Similar to a C.elegans protein encoded in cosmid C27F2 (U40419)	9196	99
462	G04044	Homo sapiens	Human secreted protein, SEQ ID NO: 8125.	486	93
463	AC002398	Homo sapiens	F25965_1	1018	100
464	AF064856	Rattus sp.	7acomp protein	1845	84
465	AF223408	Homo sapiens	H99	3686	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
466	AF223408	Homo sapiens	B99	2878	87
467	AF104415	Mus musculus	gene trap locus-13	6336	91
468	U53450	Rattus norvegicus	Jun dimerization protein 1 JDP-1	196	49
469	AL031297	Homo sapiens	dJ975P20.1 (novel gene)	3564	99
470	AF257077	Homo sapiens	eukaryotic translation initiation factor EIF2B subunit 3	1274	95
471	L28125	Podospora anserina	beta transducin-like protein	284	38
472	Y84903	Homo sapiens	A human proliferation and apoptosis related protein.	2337	100
473	AF144237	Homo sapiens	LOMP protein	252	44
474	Y71213	Homo sapiens	Human irritable bowel disease related polypeptide IMX39.	838	100
475	Y95006	Homo sapiens	Human secreted protein vel3_1, SEQ ID NO:52.	3411	100
476	D38549	Homo sapiens	hal025 is new	6533	99
477	AF241230	Homo sapiens	TAK1-binding protein 2	3656	100
478	AL031534	Schizosaccharomyces pombe	putative asparagine synthase	482	40
479	L28125	Podospora anserina	beta transducin-like protein	233	26
480	AF161544	Homo sapiens	HSPC059	434	77
481	AJ238248	Homo sapiens	centaurin beta2	3586	59
482	Z38061	Saccharomyces cerevisiae	mal5, sta1, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3)	295	23
483	AF161381	Homo sapiens	HSPC263	1404	100
484	AF223468	Homo sapiens	AD021 protein	1314	100
486	X57327	Homo sapiens	alpha 1(VIII) collagen	4166	99
487	Y19062	Homo sapiens	39k3 protein	2475	100
488	Y73373	Homo sapiens	HTRM clone 921803 protein sequence.	555	86
489	AL021918	Homo sapiens	b34f8.1 (Kruppel related Zinc Finger protein 184)	4184	100
490	X53773	Rattus norvegicus	alpha-c large chain (AA 1-538)	4675	97
491	U52426	Homo sapiens	GCK	1459	59
492	AL359773	Leishmania major	possible threonine synthase	702	45
493	AF226614	Homo sapiens	ferroportin1	2929	100
494	Z93241	Homo sapiens	dJ222E13.1 (novel protein with some similarity to Drosophila KRAKEN)	513	96
495	AF036977	Homo sapiens	unknown	1812	100
496	U93564	Homo sapiens	p40	133	45
497	Y91405	Homo sapiens	Human secreted protein sequence encoded by gene 2 SEQ ID NO:126.	357	100
498	AF069781	Drosophila melanogaster	Bem46-like protein	653	43
499	Y16601	Homo sapiens	Human cell-cycle phosphoprotein CdCYP-2.	1658	98
500	X70944	Homo sapiens	PTB-associated splicing factor	3883	100
501	AF027503	Mus musculus	putative membrane-associated guanylate kinase 1	205	36
502	AF282874	Homo sapiens	nectin 3; PRR3	2856	99
503	AJ249732	Homo sapiens	G8 protein	669	100
504	AF208851	Homo sapiens	BK-019	1629	100
505	L09708	Homo sapiens	complement component C2	4022	100
507	X66285	Mus musculus	HC1 ORF	115	43
508	D00189	Rattus norvegicus	Na+,K+-ATPase alpha-subunit	5227	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
509	Y94971	Homo sapiens	Human secreted protein clone fa171_1 protein sequence SEQ ID NO:148.	2176	100
510	AB019038	Homo sapiens	beta-1,4 mannosyltransferase	781	77
511	AB019038	Homo sapiens	beta-1,4 mannosyltransferase	1347	100
512	AB019038	Homo sapiens	beta-1,4 mannosyltransferase	1520	99
513	X84908	Homo sapiens	phosphorylase kinase	5729	99
514	X52851	Homo sapiens	peptidylprolyl isomerase	650	76
515	AP186084	Homo sapiens	epidermal growth factor repeat containing protein	3046	99
516	G03602	Homo sapiens	Human secreted protein, SEQ ID NO: 7683.	505	99
517	U04706	Bos taurus	50 kDa protein	1749	77
518	G00653	Homo sapiens	Human secreted protein, SEQ ID NO: 4734.	530	100
519	AF161475	Homo sapiens	HSPC126	1368	100
520	Y99366	Homo sapiens	Human PRO1475 (UNQ746) amino acid sequence SEQ ID NO:88.	3394	97
521	AF266852	Homo sapiens	PTPLA	1295	100
522	AE000995	Archaeoglobus fulgidus	chromosome segregation protein (smc1)	153	20
523	AF052249	Homo sapiens	immunoglobulin heavy chain variable region	605	97
524	AJ223830	Rattus norvegicus	ARE1	2950	98
525	W01535	Homo sapiens	Cellular homologue of the SV40 large T antigen.	1276	83
526	AF145658	Drosophila melanogaster	BcDNA.GH10229	320	33
527	AF112213	Homo sapiens	putative Rab5-interacting protein	524	79
528	D49387	Homo sapiens	NADP dependent leukotriene b4 12-hydroxydehydrogenase	1616	100
529	Y30819	Homo sapiens	Human secreted protein encoded from gene 9.	328	32
530	AL079335	Homo sapiens	dJ132F21.3 (72.1 KDa protein (DKFZP564A032, SBBI88) similar to mouse IFN-gamma induce MG11.)	1059	99
531	Y91506	Homo sapiens	Human secreted protein sequence encoded by gene 56 SEQ ID NO:179.	1159	98
532	X76116	Caenorhabditis elegans	carrier protein (c2)	576	50
533	X76116	Caenorhabditis elegans	carrier protein (c2)	506	50
534	X12966	Homo sapiens	3-oxoacyl-CoA thiolase propeptide (424 AA)	1972	100
535	Y09267	Homo sapiens	flavin-containing monooxygenase 2	2486	100
536	Z11773	Homo sapiens	SRE-ZBP	2201	99
537	D84224	Homo sapiens	methionyl tRNA synthetase	4741	99
538	D84224	Homo sapiens	methionyl tRNA synthetase	3887	99
539	D84224	Homo sapiens	methionyl tRNA synthetase	2933	96
540	D84224	Homo sapiens	methionyl tRNA synthetase	4529	99
541	J03244	Bos taurus	H+ ATPase 31kDa subunit (EC 3.6.1.3)	848	77
542	Y92514	Homo sapiens	Human OXER-11.	2301	99
543	AF221712	Homo sapiens	Smad- and Olf-interacting zinc finger protein	2151	61
544	AE000919	Methanobacterium thermoautotrophicum	conserved protein	207	38
545	A06669	synthetic construct	preTGF-beta1	2070	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
546	Y02698	Homo sapiens	Human secreted protein encoded by gene 49 clone HTPCS60.	854	98
547	AF112205	Homo sapiens	WSB-1 protein	2275	100
548	X60271	Mus musculus	c-rel	2264	74
549	AC016827	Arabidopsis thaliana	putative GTPase	810	42
550	Y70400	Homo sapiens	Human cell-signalling protein-2.	429	68
551	AB048365	Homo sapiens	NEDD4-like ubiquitin ligase 1	8290	99
552	Y57880	Homo sapiens	Human transmembrane protein HTMPN-4.	1112	95
553	AF139855	Homo sapiens	PRO1847	265	67
554	M17236	Homo sapiens	MHC HLA-DQ alpha precursor	1332	100
555	AL078468	Arabidopsis thaliana	putative protein	540	40
556	AC006353	Homo sapiens	similar to Kelch proteins; similar to BAA77027 (PID:g4650844)	515	44
557	AK024487	Homo sapiens	FLJ00086 protein	1623	98
558	M12140	Homo sapiens	pol gene protein; Xxx	117	48
559	W74825	Homo sapiens	Human secreted protein encoded by gene 97 clone HAQHT73.	225	56
560	X56681	Homo sapiens	junD protein	373	88
561	AF003136	Caenorhabditis elegans	contains weak similarity to an AMP-binding motif	2926	54
562	AL109839	Homo sapiens	dJ1069P2.3.1 (novel PABPC1 (poly(A)-binding protein)	877	100
563	AF181640	Drosophila melanogaster	BcDNA.GH09817	289	42
564	AF052723	Feline leukemia virus	gag-pol precursor polyprotein gPr80	1547	43
565	AF161472	Homo sapiens	HSPC123	439	44
566	Y28817	Homo sapiens	pt326_4 secreted protein.	3338	100
567	U09348	Homo sapiens	zinc finger protein	1738	100
568	AF155113	Homo sapiens	NY-REN-55 antigen	3603	93
570	AF155113	Homo sapiens	NY-REN-55 antigen	3951	99
571	AL032821	Homo sapiens	dJ55C23.1 (vanin 1)	1821	98
572	M69181	Homo sapiens	non-muscle myosin B	7350	99
573	M69181	Homo sapiens	non-muscle myosin B	7311	98
574	Y59678	Homo sapiens	Secreted protein 108-008-5-0-E6-PL.	772	100
575	AL365234	Arabidopsis thaliana	putative protein	788	40
576	AL365234	Arabidopsis thaliana	putative protein	788	40
577	X06745	Homo sapiens	DNA polymerase alpha-subunit (AA 1 - 1462)	7619	99
578	AB041642	Homo sapiens	PAR-6	1342	100
579	D86984	Homo sapiens	similar to yeast adenylate cyclase (S56776)	2446	100
580	AF165124	Homo sapiens	gamma aminobutyric acid A receptor gamma 2	2499	99
581	W88812	Homo sapiens	Polypeptide fragment encoded by gene 58.	2339	99
582	U82319	Homo sapiens	novel ORF	342	100
583	P92219	Homo sapiens (human)	CR1 protein.	11425	99
584	AJ223948	Homo sapiens	RNA helicase	6608	99
585	Y08612	Homo sapiens	88kDa nuclear pore complex protein	3874	99
586	Y42384	Homo sapiens	Amino acid sequence of lv310 7.	1007	37
587	AF129756	Homo sapiens	BAT4	1873	98

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
588	AF131775	Homo sapiens	Unknown	1929	99
589	AJ250865	Homo sapiens	TESS 2	2348	100
591	298885	Homo sapiens	dJ522J7.2 (bromodomain-containing 1 (similar to peregrin, BR140))	4157	100
592	L76571	Homo sapiens	nuclear hormone receptor	1355	100
593	AF091622	Homo sapiens	PHD finger protein 3	9054	100
594	X56807	Homo sapiens	desmocollin type 2a	4443	100
595	AL137802	Homo sapiens	dJ798A10.1 (novel protein)	212	55
596	AL022329	Homo sapiens	bK407F11.2 (adrenergic, beta, receptor kinase 2)	3653	100
597	AF226048	Homo sapiens	GL003	2009	99
598	AJ278112	Homo sapiens] >Y49635 Y49635 21-OCT-1999 15-APR-1998 Human sdp3.5 protein. [Homo sapiens	putative cell cycle control protein	335	23
599	Y59741	Homo sapiens	Human normal ovarian tissue derived protein 18.	1574	99
600	L36531	Homo sapiens	integrin alpha 8 subunit	5386	99
601	Y38458	Homo sapiens	Human secreted protein encoded by gene No. 20.	895	100
602	AF218584	Homo sapiens	GGA1	3265	100
603	Y13115	Homo sapiens	serine/threonine protein kinase	5071	99
604	AL132776	Homo sapiens	dJ393D12.1 (KIAA0776)	2413	99
605	AL034452	Homo sapiens	dJ682J15.1 (novel Collagen triple helix repeat containing protein)	1979	100
606	Y14494	Homo sapiens	aralar1	3465	99
607	AJ001581	Homo sapiens	OXAIL	2603	100
608	X86098	Homo sapiens	binds directly to adenovirus type 5 E1A protein	3069	100
610	AF163572	Homo sapiens	Forssman glycolipid synthetase	1865	99
611	AF161503	Homo sapiens	HSPC154	1261	97
612	L41834	Ensis minor	nuclear protein	345	30
613	Y91554	Homo sapiens	Human cytoskeleton associated protein 9 (CYSKP-9).	3668	100
614	AL022327	Homo sapiens	dJ355C18.1 (KIAA0027)	361	94
615	X85786	Homo sapiens	binding regulatory factor	3203	100
616	Y08319	Homo sapiens	kinesin-2	3487	99
617	D12644	Mus musculus	KIF2 protein	3609	97
618	U28789	Mus musculus	PACT	5936	89
619	Y35914	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 163.	1684	99
620	AB046382	Mus musculus	testis-abundant finger protein	199	23
621	Y00062	Homo sapiens	precursor polypeptide (AA -23 to 1120)	3440	99
622	AP068286	Homo sapiens	HDCMD38P	861	100
623	X98248	Homo sapiens	sortilin	4436	99
624	X61100	Homo sapiens	75 kDa subunit NADH dehydrogenase precursor	3734	99
625	858544	Homo sapiens	75 kda infertility-related sperm protein	2125	99
626	AF151027	Homo sapiens	HSPC193	582	93
627	X14968	Homo sapiens	RII-alpha subunit (AA 1-404)	2079	100
628	Y50911	Homo sapiens	Human fetal brain cDNA clone vb7_1 derived protein	1983	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
629	Y50911	Homo sapiens	Human fetal brain cDNA clone wb7_1 derived protein	1694	100
630	AF098786	Homo sapiens	17 beta-hydroxysteroid dehydrogenase type VII	1754	100
631	AL034555	Homo sapiens	dJ134019.3 (zinc finger protein 151 (pHZ-67))	4273	100
632	W74826	Homo sapiens	Human secreted protein encoded by gene 98 clone HACBT94.	794	96
633	AF288288	Homo sapiens	HPT protein	2236	100
634	AF041429	Homo sapiens	pRGR1	823	99
635	X66357	Homo sapiens	serine/threonine protein kinase	1589	100
636	Y11284	Homo sapiens	APX1	2571	98
637	AR004884	Homo sapiens	PKU-alpha	3718	99
638	AJ002303	Homo sapiens	synaptogyrin 1c	1020	100
639	AJ002304	Homo sapiens	synaptogyrin 1b	1002	100
640	AJ002303	Homo sapiens	synaptogyrin 1c	933	94
641	D87682	Homo sapiens	similar to a C.elegans protein encoded in cosmid T26A5.	2676	100
642	M14660	Homo sapiens	ISG-K54	2473	99
643	X06661	Homo sapiens	calbindin (AA 1-261)	1358	100
644	AF119900	Homo sapiens	PRO2822	185	76
645	AB031048	Drosophila melanogaster	microtubule associated-protein orbit	738	27
646	AF250842	Drosophila melanogaster	multiple asters	834	29
647	X86691	Homo sapiens	Mi-2 protein	10110	99
648	U67934	Homo sapiens	44.9 kDa protein C18B11 homolog	827	96
649	AF236061	Oryctolagus cuniculus	RING-finger binding protein	3830	91
650	AL034553	Homo sapiens	dJ914P20.2 (KIAA0784 protein similar to Mus musculus activity-dependent neuroprotective protein (Adnp))	5708	100
653	X14766	Homo sapiens	GABA-A receptor alpha 1 subunit	2388	99
654	AC004614	Homo sapiens	similar to f-spondin proteins AB006086 (PID:g2529225)	3026	99
655	Y57908	Homo sapiens	Human transmembrane protein HTMPN-32.	608	99
656	Z34975	Homo sapiens	ldlCp	3733	100
658	AL050306	Homo sapiens	dJ475B7.2 (novel protein)	1842	99
659	W76734	Homo sapiens	Human mDia Rho targeting protein.	781	34
660	AF202724	Homo sapiens	Sall unc-84 domain protein 1	2172	100
661	Z21966	Homo sapiens	mPOU homeobox protein	1529	100
662	AJ242954	Mus musculus	dysferlin	4752	59
663	AF182316	Homo sapiens	myoferlin	6232	99
665	AL161516	Arabidopsis thaliana	hypothetical protein	209	30
667	X59303	Homo sapiens	valyl-tRNA synthetase	3393	99
668	Y13355	Homo sapiens	Amino acid sequence of protein PRO220.	3692	100
669	AB010692	Arabidopsis thaliana	contains similarity to endo-beta-N-acetylglucosaminidase gene	611	52
671	X56123	Mus musculus	talin	4474	76
672	AB033371	Homo sapiens	mitochondrial ABC transporter 3	2902	99
673	AF269223	Homo sapiens	TCP11	806	42
674	AF229633	Mus musculus	groucho-related protein 4	4053	99
675	L14463	Rattus	transducin	3619	92

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		norvegicus			
676	AC005757	Homo sapiens	R32611_1	2779	100
677	S61069	Homo sapiens	reverse transcriptase homolog=pol {retroviral element}	252	65
678	AF271388	Homo sapiens	CMP-N-acetylneuraminic acid synthase	2273	100
679	X79066	Homo sapiens	ERF-1	1783	100
680	AF128566	Mus musculus	hematopoietic zinc finger protein	769	50
681	Y51415	Homo sapiens	Human wild type pKe83 protein.	2621	99
682	AL133545	Homo sapiens	bA386N14.1 (novel protein similar to a dual specificity phosphatase)	700	68
683	Y86214	Homo sapiens	Nuclear transport protein clone hfb341 protein sequence.	5888	99
684	Y94952	Homo sapiens	Human secreted protein clone fhl16_11 protein sequence SEQ ID NO:110.	354	98
685	AL021878	Homo sapiens	dJ257I20.4 (transcription factor 20 (AR1) (KIAA0292) (isoform 2))	154	67
686	AE000198	Escherichia coli	orf, hypothetical protein	628	100
687	M58378	Homo sapiens	synapsin I	3730	99
688	AF039697	Homo sapiens	antigen NY-CO-31	508	98
689	U09355	Oryctolagus cuniculus	protein phosphatase 2A1 B gamma subunit	2356	99
690	AF155106	Homo sapiens	NY-REN-36 antigen	265	50
691	AC004774	Homo sapiens	Dlx-5	1542	100
692	X90530	Homo sapiens	ragB	1926	99
693	X90530	Homo sapiens	ragB	1405	99
694	X90530	Homo sapiens	ragB	1590	85
695	G01563	Homo sapiens	Human secreted protein, SEQ ID NO: 5644.	330	100
696	AC011810	Arabidopsis thaliana	Putative methionine aminopeptidase	669	52
697	AJ250425	Rattus norvegicus	Collybistin I	2455	98
698	AB037901	Homo sapiens	gene amplified in squamous cell carcinoma-1	5364	99
699	Y99401	Homo sapiens	Human PRO1327 (UNQ687) amino acid sequence SEQ ID NO:218.	1386	100
701	AF221712	Homo sapiens	Smad- and Olf-interacting zinc finger protein	6705	100
702	X83573	Homo sapiens	ARSE	3184	99
703	AJ243274	Homo sapiens	AP-2rep protein	2078	99
704	Y71262	Homo sapiens	Human chondromodulin-like protein, Zchm1.	1697	94
705	Y71262	Homo sapiens	Human chondromodulin-like protein, Zchm1.	1736	99
706	Y41257	Homo sapiens	Amino acid sequence of long human FAIM.	1060	100
707	AL022237	Homo sapiens	bK119lB2.3 (PUTATIVE novel Acyl Transferase similar to C. elegans C50D2.7) (isoform 1))	2030	100
708	AJ006266	Homo sapiens	AND-1 protein	5942	100
709	G01571	Homo sapiens	Human secreted protein, SEQ ID NO: 5652.	777	99
710	Y08698	Homo sapiens	ranbp3	2849	98
711	Y68770	Homo sapiens	Amino acid sequence of a human phosphorylation effector PHSP-2.	754	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
712	U93574	Homo sapiens	putative p150	759	59
713	AC004531	Homo sapiens	Gene with similarity to DEAD box helicases	2715	99
714	D89016	Homo sapiens	Neuroblastoma	538	48
715	Y92175	Homo sapiens	Human cardiovascular system associated protein tyrosine phosphatase 2.	734	98
716	AL137013	Homo sapiens	DA311P8.3 (probable uracil phosphoribosyltranferase)	862	100
717	AB035123	Mus musculus	GD1 alpha/GT1a alpha/GQ1b alpha synthase	1696	93
718	Y96290	Homo >P40254 P40254 25-OCT-1994 09-APR-1983 Human IgD. [Homo sapiens	Human IGFAM-2 immunoglobulin.	2345	85
719	X07979	Homo sapiens	integrin beta 1 subunit precursor	4347	99
720	AJ224819	Homo sapiens	tumor suppressor	2149	99
721	Y07595	Homo sapiens	transcription factor TFIIH	2373	100
722	W41565	Homo sapiens] >W41564 W41564 08-OCT-1997 05-APR-1996 Human calpain. [Homo sapiens	Human calpain.	1591	99
723	AF161341	Homo sapiens	HSPC078	1097	98
724	AF187318	Homo sapiens	F-box protein Fbx2	1607	100
725	AC006708	Caenorhabditis elegans	contains similarity to Saccharomyces cerevisiae pre-mRNA splicing protein PRP31 (GB:Z72876)	1143	46
726	AC006708	Caenorhabditis elegans	contains similarity to Saccharomyces cerevisiae pre-mRNA splicing protein PRP31 (GB:Z72876)	988	46
727	AC024818	Caenorhabditis elegans	contains similarity to Pfam family PF00400 (WD domain, G-beta repeat), score=81.8, E=1.4e-20, N=3	950	44
728	AJ005837	Homo sapiens	JM5	831	47
729	Y45377	Homo sapiens	Human secreted protein fragment encoded from gene 27.	908	97
730	G03931	Homo sapiens	Human secreted protein, SEQ ID NO: 8012.	578	100
731	AB012720	Oncorhynchus masou	GTP-binding protein	3865	76
732	W73404	Homo sapiens	Human secreted protein encoded by Gene No. 8.	862	97
733	G02650	Homo sapiens	Human secreted protein, SEQ ID NO: 731.	644	97
734	AC024813	Caenorhabditis elegans	Hypothetical protein Y54F10AL.a	152	24
735	AL035461	Homo sapiens	dJ967N21.6 (novel CDP-alcohol phosphatidyltransferase family member protein)	1562	98
736	U00033	Caenorhabditis elegans	similar to S. cerevisiae YJU2 protein	605	41
737	AF079098	Homo sapiens	arginine-tRNA-protein transferase 1-1p; ATE1-1p	2733	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
738	AJ131712	Homo sapiens	nucleolar RNA-helicase	2793	100
739	AJ133115	Homo sapiens	TSC-22-like protein	2054	99
740	X98258	Homo sapiens	M-phase phosphoprotein 9	953	100
741	X98258	Homo sapiens	M-phase phosphoprotein 9	564	74
742	U97191	Caenorhabditis elegans	strong similarity to the YPT1 sub-family of RAS proteins	960	85
743	X76057	Homo sapiens	phosphomannose isomerase	2191	100
744	G03209	Homo sapiens	Human secreted protein, SEQ ID NO: 7290.	496	98
745	X97064	Homo sapiens	Sec23 protein	4034	99
746	W93946	Homo sapiens	Human regulatory molecule HRM-2 protein.	994	100
747	Y73388	Homo sapiens	HTRM clone 3376404 protein sequence.	1565	99
748	M19529	Sus scrofa	follistatin A	1906	98
749	AJ249457	Trichomonas vaginalis	centrin, putative	183	28
750	AC004410	Homo sapiens	fos39554_1	2094	100
751	AF074968	Homo sapiens	p47ING3 protein	2167	100
752	AF252284	Homo sapiens	transcription specificity factor Sp1	4005	100
753	AB049629	Homo sapiens	phospholysine phosphohistidine inorganic pyrophosphate phosphatase	1375	99
754	D79205	Homo sapiens	ribosomal protein L39	160	77
755	AB008430	Homo sapiens	CDEP	142	29
758	L32162	Homo sapiens	transcription factor	574	80
759	AF037204	Homo sapiens	RING zinc finger protein	295	54
760	Y44250	Homo sapiens	Human cell signalling protein-13.	625	100
761	AF218586	Homo sapiens	Cide-b	1136	100
762	U38934	Gallus gallus	histone H2A	625	97
763	AF226053	Homo sapiens	HSKM-B	606	32
764	X13403	Homo sapiens	Oct-1 protein (AA 1 - 743)	3626	100
765	D87446	Homo sapiens	Similar to a C.elegans protein encoded in cosmid C27F2 (U40419)	568	38
766	AL023828	Caenorhabditis elegans	Y17G7B.14	200	27
767	Y82777	Homo sapiens	Human chordin related protein (Clone dw665_4).	2551	99
768	X92475	Homo sapiens	YTBA1	1429	100
769	Y42752	Homo sapiens	Human calcium binding protein 3 (CaBP-3).	1426	100
770	X51416	Homo sapiens	hormone receptor hERR1 (AA 1-521)	2641	97
771	AJ006591	Homo sapiens	cysteine-rich protein	1793	100
772	A08695	Homo sapiens	rap2	935	100
773	Z12173	Homo sapiens	N-acetylglucosamine-6-sulphatase	2970	100
774	Y91950	Homo sapiens	Human cytoskeleton associated protein 5 (CYSKP-5).	565	43
776	AL023799	Homo sapiens	dJ322P7.1 (zinc finger)	855	56
777	AL023799	Homo sapiens	dJ322P7.1 (zinc finger)	855	56
778	G01880	Homo sapiens	Human secreted protein, SEQ ID NO: 5961.	849	98
779	AJ012590	Homo sapiens	glucose 1-dehydrogenase	4155	99
780	AL078582	Homo sapiens	dJ130E4.2 (KIAA0796)	1321	68
781	Z75955	Caenorhabditis elegans	similar to mitochondrial carrier protein	384	34
782	AL109965	Homo sapiens	dJ1121G12.2 (SCAN domain-containing 1 protein)	900	100
783	AF061262	Mus musculus	semaF cytoplasmic domain associated protein 2	1316	83
784	G03873	Homo sapiens	Human secreted protein, SEQ	649	95

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			ID NO: 7954.		
785	Y84441	Homo sapiens	Amino acid sequence of a human RNA-associated protein.	2074	100
786	Y00918	Homo sapiens	Human Rab protein, RABP-1, protein sequence.	1048	99
787	Z97029	Homo sapiens	ribonuclease HI large subunit	1548	99
788	AB035384	Homo sapiens	SRp25 nuclear protein	962	94
789	AF024631	Homo sapiens	ANG2	2644	100
790	AJ006710	Rattus norvegicus	phosphatidylinositol 3-kinase	4508	97
792	V00638	bacteriophage lambda	reading frame ea10	600	100
793	AF049103	Homo sapiens	Huntingtin interacting protein	819	100
795	Z26317	Homo sapiens	desmoglein 2	4810	99
796	Y76884	Homo sapiens	Retinoblastoma binding protein-7sequence.	5080	99
797	U15155	Gallus gallus	trypsinogen	372	37
798	U97189	Caenorhabditis elegans	strong similarity to thw P13/P14 family of kinases	227	28
799	AF112201	Homo sapiens	neuronal protein NP25	1053	100
800	AF234765	Rattus norvegicus	serine-arginine-rich splicing regulatory protein SRRP86	958	63
801	AF267852	Homo sapiens	placental protein 13-like protein	743	99
802	AF208851	Homo sapiens	BM-009	766	80
803	Z81097	Caenorhabditis elegans	Similarity to Human retinoblastoma-binding protein RBAP46 yk662d12.5 comes from this gene	152	27
804	G02113	Homo sapiens	Human secreted protein, SEQ ID NO: 6194.	496	98
805	AL121673	Homo sapiens	DA305P22.1 (novel protein)	1160	100
806	AC013483	Arabidopsis thaliana	putative GTPase activator protein	264	30
807	AC013483	Arabidopsis thaliana	putative GTPase activator protein	264	30
808	AB013885	Homo sapiens	beta-ureidopropionase	1494	100
809	AF078842	Homo sapiens	HOTTL protein	1581	99
810	AF161421	Homo sapiens	HSPC303	2134	96
811	AF261689	Homo sapiens	DNA polymerase epsilon p17 subunit	734	100
812	Z74029	Caenorhabditis elegans	Similarity to C.elegans alcohol dehydrogenase comes from this gene	610	71
813	Z73497	Homo sapiens	cd240c2.2 (Core histone H2A/H2B/H3/H4)	324	100
814	W87689	Homo sapiens	Human HTXPT19 polypeptide.	1484	99
815	X16282	Homo sapiens	zinc finger protein (217 AA) (1 is 2nd base in codon)	1109	99
816	Z92539	Mycobacterium tuberculosis	pth	300	36
818	AB030483	Mus musculus	B9	197	27
819	AL117555	Homo sapiens	hypothetical protein	321	94
820	AC005328	Homo sapiens	R26660_2, partial CDS	865	97
821	G03951	Homo sapiens	Human secreted protein, SEQ ID NO: 8032.	700	99
822	L34807	Musca domestica	transposase	174	20
823	G02928	Homo sapiens	Human secreted protein, SEQ ID NO: 7009.	558	78
824	Z99531	Schizosaccha	caffeine-induced death	184	29

TABLE 2

SEQ ID NO:	ACCRSSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		romyces pombe	protein 1		
825	AJ006692	Homo sapiens	ultra high sulfer keratin	693	68
826	U23037	Oryctolagus cuniculus	eIF-2Bepsilon	3406	90
827	G03412	Homo sapiens	Human secreted protein, SEQ ID NO: 7493.	464	100
828	Y30827	Homo sapiens	Human secreted protein encoded from gene 17.	113	44
829	Y32199	Homo sapiens	Human receptor molecule (REC) encoded by Incyte clone 2022379.	1012	100
830	W78279	Homo sapiens	Fragment of human secreted protein encoded by gene 33.	1264	99
832	AB011642	Homo sapiens	MEGF9	2097	100
833	G02639	Homo sapiens	Human secreted protein, SEQ ID NO: 6720.	223	70
834	AF119664	Homo sapiens	transcriptional regulator protein HCNGP	1574	100
835	AF119664	Homo sapiens	transcriptional regulator protein HCNGP	1144	89
836	AF119664	Homo sapiens	transcriptional regulator protein HCNGP	1448	94
837	X12517	Homo sapiens	C protein (AA 1-159)	918	100
838	U32865	Drosophila melanogaster	linotte protein	164	24
839	AF067730	Homo sapiens	TLS-associated protein TASR-2	631	56
840	U27831	Homo sapiens	striatum-enriched phosphatase	2840	98
841	AF286366	Homo sapiens	CamKI-like protein kinase	1796	100
842	G02309	Homo sapiens	Human secreted protein, SEQ ID NO: 6390.	278	98
843	AE003615	Drosophila melanogaster	ade3 gene product	113	48
844	G01350	Homo sapiens	Human secreted protein, SEQ ID NO: 5431.	629	100
845	U27838	Mus musculus	glycosyl-phosphatidyl-inositol-anchored protein homolog	3305	96
847	Y87788	Homo sapiens	Human RBP-26 protein.	2026	100
848	AF164794	Homo sapiens	Diff33 protein homolog	2398	100
849	U41315	Homo sapiens	ZNF127-Xp	2458	93
850	AF192784	Homo sapiens	makorin 1	2062	97
851	Y58628	Homo sapiens	Protein regulating gene expression PRGE-21.	1548	100
852	Z22968	Homo sapiens	M130 antigen	6205	100
853	Z22971	Homo sapiens	M130 antigen extracellular variant	6380	100
854	G03362	Homo sapiens	Human secreted protein, SEQ ID NO: 7443.	330	96
855	G03362	Homo sapiens	Human secreted protein, SEQ ID NO: 7443.	203	100
856	AF285118	Homo sapiens	CGI-203	452	100
857	AC006069	Arabidopsis thaliana	putative cleavage and polyadenylation specifity factor	1383	55
858	AL021546	Homo sapiens	Cytochrome C Oxidase Polypeptide VIa-liver precursor (EC 1.9.3.1)	593	100
859	L02956	Xenopus laevis	ribonucleoprotein	1664	85
860	AF201947	Homo sapiens	MEK binding partner 1	616	100
861	L31783	Mus musculus	uridine kinase	1266	92
862	AF161472	Homo sapiens	HSPC123	602	73
863	Z49068	Caenorhabditis elegans	mitochondrial carrier protein	370	43
864	AF154108	Homo sapiens	tumor necrosis factor type 1	3559	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			receptor associated protein		
865	AE001530	Helicobacter pylori J99	putative	230	32
866	X57807	Homo sapiens	immunoglobulin lambda light chain	699	91
867	AL031673	Homo sapiens	dJ694B14.1 (PUTATIVE novel KRAB box protein with 18 C2H2 type Zinc finger domains)	4066	99
868	Y11652	Homo sapiens	phosphate cyclase	238	100
869	AF192968	Homo sapiens	high-glucose-regulated protein 8	3041	99
870	AB020648	Homo sapiens	KIAA0841 protein	3237	99
871	AL031427	Homo sapiens	dJ167A19.1 (novel protein)	1608	100
872	AF151534	Homo sapiens	core histone macroH2A2.2	1866	100
873	AL021331	Homo sapiens	dJ366N23.1 (putative C. elegans UNC-93 (protein 1, C46F11.1) LIKE protein)	1129	100
874	X14608	Homo sapiens	propionyl-CoA carboxylase	3579	100
875	AL117334	Homo sapiens	dJ687P11.1 (novel protein (part of translation of cDNA DKFZp434N061, Em:AL110249))	306	100
876	X79489	Saccharomyces cerevisiae	E-925 protein	446	35
877	Y63001	Homo sapiens	Human secreted protein clone dn834_1 protein sequence SEQ ID NO:8.	811	100
878	AF281064	Homo sapiens	CHMP1.5	957	100
879	X79417	Sus scrofa	40S ribosomal protein S12	687	100
880	AF001317	Saccharomyces cerevisiae	Soi1p	478	28
881	Y87275	Homo sapiens	Human signal peptide containing protein HSPP-52 SEQ ID NO:52.	2547	100
882	M14036	Homo sapiens	C1-inhibitor	598	77
883	AB041261	Homo sapiens	calcium-independent phospholipase A2	2903	100
884	AF020313	Mus musculus	proline-rich protein 48	999	84
885	Y10936	Homo sapiens	hypothetical protein	1104	99
886	AF073997	Mus musculus	myotubularin related protein 1	866	36
887	Y57893	Homo sapiens	Human transmembrane protein HTMPN-17.	1099	94
888	AL117635	Homo sapiens	hypothetical protein	929	99
889	AF210317	Homo sapiens	facilitative glucose transporter family member GLUT9	2046	99
890	Y36031	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 416.	583	100
891	Y36031	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 416.	192	57
892	AF237631	Homo sapiens	ubiquitous tropomodulin U-Tmod	1798	100
893	AF090929	Homo sapiens	PRO0477p	653	99
894	AL031228	Homo sapiens	dJ1033B10.2 (WD40 protein BING4 (similar to S. cerevisiae YER082C, M. sexta MNG10 and C. elegans F28D1.1)	3196	100
895	AL031228	Homo sapiens	dJ1033B10.2 (WD40 protein BING4 (similar to S. cerevisiae YER082C, M. sexta MNG10 and C. elegans F28D1.1)	2825	96
896	AF171102	Homo sapiens	retinal degeneration B beta	1302	95
897	AE003551	Drosophila melanogaster	CG18176 gene product	633	33

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
898	AJ237946	Homo sapiens	DEAD Box Protein 5	2443	100
899	Z97184	Homo sapiens	HKE2	624	100
900	Z97184	Homo sapiens	HKE2	409	98
901	AJ245587	Homo sapiens	Kruppel-type zinc finger	1942	100
902	AF091034	Homo sapiens	GTP-binding protein RAS22A	1011	100
903	X95953	Homo sapiens	Eukaryotic cell growth inhibiting factor.	414	96
904	L04733	Homo sapiens	kinesin light chain	1936	72
905	AE003540	Drosophila melanogaster	CG10984 gene product	446	33
906	M55542	Homo sapiens	guanylate binding protein isoform I	2993	98
907	M55542	Homo sapiens	guanylate binding protein isoform I	2901	96
908	W84085	Homo sapiens	Human membrane fusion protein WDProl.	1889	100
909	AF168676	Homo sapiens	TNF intracellular domain-interacting protein	647	100
910	AB029150	Homo sapiens	KRAB zinc finger protein HFB101L	2196	100
911	G02871	Homo sapiens	Human secreted protein, SEQ ID NO: 6952.	521	100
912	G03162	Homo sapiens	Human secreted protein, SEQ ID NO: 7243.	387	87
913	AJ243721	Homo sapiens] >Y92508 Y92508 13-APR-2000 06-OCT-1998 Human CXRB-5. [Homo sapiens	dTDP-4-keto-6-deoxy-D-glucose 4-reductase	1710	100
914	U24189	Caenorhabditis elegans	hypothetical protein 1207-1; Method: conceptual translation supplied by authors	244	41
915	Y02591	Homo sapiens	A human progesterone receptor complex p23-like protein.	843	99
916	AE000984	Archaeoglobus fulgidus	dinitrogenase reductase activating glycohydrolase (draG)	171	26
918	M23159	Cricetus cricetus	DHFR-coamplified protein	163	30
919	L12018	Caenorhabditis elegans	putative	1232	41
920	AF102177	Homo sapiens	tumor antigen SLP-8p	1260	97
921	AL096712	Homo sapiens	dJ744I24.2 (similar to a novel human gene mapping to Activator)	1017	78
922	AL161495	Arabidopsis thaliana	putative WD-repeat protein	866	42
923	AL161495	Arabidopsis thaliana	putative WD-repeat protein	442	36
924	U97001	Caenorhabditis elegans	similar to Schizosaccharomyces pombe	605	51
925	X71978	Mus musculus	Fif	1503	95
926	M92288	Drosophila melanogaster	beta-spectrin	290	51
927	Y27575	Homo sapiens	Human secreted protein encoded by gene No. 9.	1392	100
928	Y22499	Homo sapiens	Human secreted protein sequence clone mh703_1.	2249	100
930	AJ224326	Homo sapiens	ribulose-5-phosphate-epimerase	912	100
931	U28991	Caenorhabdit	coded for by C. elegans cDNA	660	55

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		is elegans	cm21c7		
932	AL080065	Homo sapiens	hypothetical protein	210	25
933	G01884	Homo sapiens	Human secreted protein, SEQ ID NO: 5965.	767	98
934	AJ276485	Homo sapiens	integral membrane transporter protein	1200	100
935	AL035681	Homo sapiens	dJ756G23.3 (novel protein similar to drosophila transcriptional repressor)	1142	80
936	AB026808	Mus musculus	synaptotagmin XI	2142	95
937	AB015345	Homo sapiens	HKIHP52216	2601	99
938	X65724	Homo sapiens	ORF2	498	100
939	W89024	Homo sapiens	Polypeptide fragment encoded by gene 156.	1467	100
940	G04047	Homo sapiens	Human secreted protein, SEQ ID NO: 8128.	117	100
941	AF094583	Homo sapiens	putative HIV-1 infection related protein	452	100
942	AC024200	Caenorhabdit is elegans	contains similarity to several zinc finger proteins but not to the zinc finger domains	350	69
943	AF129756	Homo sapiens	GSc	273	100
944	M23765	Rattus norvegicus	alpha-tropomyosin	133	96
945	AC009917	Arabidopsis thaliana	Contains similarity to	583	47
946	AF223458	Homo sapiens	AD021 protein	551	44
947	AF055473	Homo sapiens	GAGE-8	273	51
948	X75756	Homo sapiens	protein kinase C mu	2019	68
949	AF143956	Mus musculus	coronin-2	2300	93
950	Y36729	Homo sapiens	Human PGI protein sequence.	1861	99
951	W49041	Homo sapiens	Human low density lipoprotein binding protein LBP-2.	282	67
952	AB016881	Arabidopsis thaliana	gene_id:MXC17.7-	203	46
953	Y01785	Homo sapiens	Human ubiquitin-conjugating enzyme >Y29341 Y29341 01-JUL-1999 12-AUG-1998 Human NCE-2 protein.	365	100
954	AF145615	Drosophila melanogaster	BcDNA.GH03377	823	46
955	U09410	Homo sapiens	zinc finger protein ZNF131	2483	99
956	U09410	Homo sapiens	zinc finger protein ZNF131	1853	99
957	AF195623	Homo sapiens	cholinephosphotransferase 1 alpha	2126	99
958	X94917	Drosophila melanogaster	head-elevated expression in 0.9 kb	155	32
959	U54807	Rattus norvegicus	GTP-binding protein	1167	97
960	AF058807	Bos taurus	GTP-binding protein rah	606	97
961	G03244	Homo sapiens	Human secreted protein, SEQ ID NO: 7325.	471	100
962	AF078850	Homo sapiens	steroid dehydrogenase homolog	583	40
963	AF001754	Homo sapiens	transient receptor potential-related channel 7, a novel putative Ca2+ channel protein	317	30
964	AL035419	Homo sapiens	dJ1100H13.1 (putative novel protein)	1129	100
965	X61381	Rattus rattus	interferon-induced protein	202	46
966	D38169	Homo sapiens	inositol 1,4,5-trisphosphate 3-kinase isoenzyme	3278	100
967	AL031432	Homo sapiens	dJ465N24.2.1 (PUTATIVE novel protein) (isoform 1)	893	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
968	U79275	Homo sapiens	unknown	611	100
969	AJ011306	Homo sapiens	guanine nucleotide exchange factor (long isoform)	2752	99
970	AF281114	Homo sapiens	exosome component Rrp46	1186	100
971	U53336	Caenorhabditis elegans	weak similarity over a short region to myosin heavy chain	536	23
972	AC018749	Leishmania major	L8840.12	589	53
973	AF188504	Mus musculus	LNV	544	85
974	U25801	Homo sapiens	Taxl binding protein	852	98
975	AF049523	Homo sapiens	huntingtin-interacting protein HYPA/FBP11	1350	97
976	AF161530	Homo sapiens	HSPC182	1040	100
977	G04020	Homo sapiens	Human secreted protein, SEQ ID NO: 8101.	626	100
978	AF164797	Homo sapiens	ribosomal protein L17 isolog	908	100
979	U94991	Xenopus laevis	transcription factor XLM01	795	97
980	S73775	Homo sapiens	calmitina; calsequestrine	2029	100
981	Y94888	Homo sapiens	Human protein clone HP01462.	2501	100
982	AJ243191	Homo sapiens	heat shock protein	827	96
983	X65020	Bos taurus	PSST subunit of the NADH: ubiquinone oxidoreductase complex	964	85
984	AJ249207	Rhodococcus sp. AD45	putative racemase	351	43
985	Z30093	Homo sapiens	basic transcription factor 2, 35 kD subunit	1576	99
986	AB030835	Homo sapiens	contains two glutamine rich domains, three zinc-finger domains, and matrin 3 homologous domain 3 (MH3)	4697	99
987	AF227258	Bos taurus	RPGR-interacting protein-1	1262	38
988	AL022238	Homo sapiens	dJ1042K10.2 (supported by GENSCAN, FGENES and GENEWISE)	4048	99
989	AL022238	Homo sapiens	dJ1042K10.2 (supported by GENSCAN, FGENES and GENEWISE)	2321	99
990	AF161426	Homo sapiens	HSPC308	448	92
991	AF161426	Homo sapiens	HSPC308	448	92
992	AF161426	Homo sapiens	HSPC308	453	92
993	AL023855	Schizosaccharomyces pombe	trna-splicing endonuclease subunit	172	42
994	AL049631	Homo sapiens	dJ513N9.1 (novel Homeobox domain protein)	241	47
995	AC005253	Homo sapiens	R26445_1	902	100
996	AF265206	Homo sapiens	MOG1 isoform A	974	100
997	AJ248285	Pyrococcus abyssi	sarcosine oxidase, subunit beta (soxB)	195	28
998	AE003641	Drosophila melanogaster	BG:BS00941.3 gene product	218	58
999	W69343	Homo sapiens	Secreted protein of clone CR930_1.	1340	98
1000	AY007135	Homo sapiens	similar to bovine ADP/ATP translocase T1 mRNA with GenBank Accession Number M24102.1	1543	100
1001	Y73381	Homo sapiens	HTRM clone 1877278 protein sequence.	1668	100
1002	AF208844	Homo sapiens	BM-002	428	100
1003	AE004944	Pseudomonas aeruginosa	hypothetical protein	134	35
1004	AL031431	Homo sapiens	dJ462023.2 (novel protein)	2058	100
1005	S45367	Canis familiaris	centractin	1949	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1006	S45367	Canis familiaris	centractin	1315	98
1007	AB022158	Mus musculus	chaperonin containing TCP-1 epsilon subunit	2649	96
1008	Y76332	Homo sapiens	Fragment of human secreted protein encoded by gene 38.	1282	97
1009	AB011414	Homo sapiens	Kruppel-type zinc finger protein	1671	58
1010	Z68218	Caenorhabditis elegans	K01H12.1	269	67
1011	AB011414	Homo sapiens	Kruppel-type zinc finger protein	1671	58
1012	Z14000	Homo sapiens	RING1	2017	100
1013	G02841	Homo sapiens	Human secreted protein, SEQ ID NO: 6922.	332	93
1014	AF145859	Drosophila melanogaster	BcDNA.GH10333	1244	52
1015	Y02860	Homo sapiens	Fragment of human secreted protein encoded by gene 65.	664	67
1016	Y02591	Homo sapiens	A human progesterone receptor complex p23-like protein.	772	97
1017	Y99448	Homo sapiens	Human PRO1759 (UNQ832) amino acid sequence SEQ ID NO:374.	2323	100
1018	X67250	Rattus norvegicus	n-chimaerin	1710	97
1019	AF183417	Homo sapiens	microtubule-associated proteins 1A/1B light chain 3	631	100
1020	AF154795	Homo sapiens	sex-regulated protein janus-a	674	100
1021	AF190825	Coturnix coturnix	qdgl-1	638	96
1022	AL133363	Arabidopsis thaliana	putative protein	155	37
1023	AB034912	Homo sapiens	WD-repeat like sequence	2483	100
1024	AY007091	Homo sapiens	similar to Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA with Ge	2243	100
1025	X69910	Homo sapiens	P63 protein	2958	99
1026	U80736	Homo sapiens	CAGF9	1657	100
1027	AB029333	Halocynthia roretzi	HrPET-1	1048	54
1028	AB032931	Homo sapiens	ubiquitin-conjugating enzyme isolog	1045	100
1029	G01797	Homo sapiens	Human secreted protein, SEQ ID NO: 5878.	749	98
1030	G01797	Homo sapiens	Human secreted protein, SEQ ID NO: 5878.	749	98
1031	AF193795	Homo sapiens	vacuolar sorting protein VPS29/PEP11	960	100
1032	AJ222968	Mus musculus	L-periaxin	120	30
1033	Z81317	Schizosaccharomyces pombe	DNA2-NAM7 helicase family protein	685	31
1034	Y41519	Homo sapiens	Fragment of human secreted protein encoded by gene 75.	1321	99
1035	AJ276004	Mus musculus	Paxneb protein	1709	77
1036	AP025459	Caenorhabditis elegans	H14A12.3 gene product	190	30
1037	U37251	Homo sapiens	Description: KRAB zinc finger protein; this is a splicing supplied by author	196	43
1038	W74580	Homo sapiens	Human membrane protein BA0306.	1921	97
1039	U88173	Caenorhabditis elegans	weak similarity to Arabidopsis thaliana ubiquitin-like protein 8	331	80

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1040	AF290204	Homo sapiens	blood group carrier molecule DOK1	1637	99
1041	Y96730	Homo sapiens	PRO539, a Costal-2 homologue.	162	22
1042	AF140683	Mus musculus	F-box protein FWD2	2397	98
1043	AF151023	Homo sapiens	HSPC189	1104	100
1044	AF181631	Drosophila melanogaster	EcDNA.GH04929	204	37
1045	Y77985	Homo sapiens	Human collectin amino acid sequence.	1940	100
1046	AJ243972	Homo sapiens	6-phosphogluconolactonase	1317	100
1047	AB035863	Homo sapiens	ATP specific succinyl CoA synthetase beta subunit precursor	2324	99
1048	AL034550	Homo sapiens	dJ1184P4.2 (novel protein similar to nucleolar protein 4 (NOL4) (NOLP))	981	92
1049	AF163825	Homo sapiens	pre-B lymphocyte protein 3	634	100
1050	AF201949	Homo sapiens	60S ribosomal protein L30 isolog	868	100
1051	AF190624	Mus musculus	mdg1-1	236	85
1052	AE003529	Drosophila melanogaster	CG6151 gene product	160	44
1053	G01191	Homo sapiens	Human secreted protein, SEQ ID NO: 5272.	646	98
1054	AL162756	Neisseria meningitidis	Glu-tRNA(Gln) amidotransferase subunit A	682	44
1055	AF181856	Rattus norvegicus	tRNA selenocysteine associated protein	1525	99
1056	U89649	Chlamydomonas reinhardtii	Mr19,000 outer arm dynein light chain	244	34
1057	AF159141	Homo sapiens	breast cancer metastasis-suppressor 1	663	53
1058	AF230929	Homo sapiens	keratinocyte annexin-like protein pemphaxin	1710	99
1059	AJ270952	Homo sapiens	putative membrane protein	1363	100
1060	AF224263	Heterodontus francisci	HoxD8	742	83
1061	X63417	Homo sapiens	IRLB	1037	100
1062	AL079345	Streptomyces coelicolor A3(2)	hypothetical protein	143	27
1063	Y71112	Homo sapiens	Human Hydrolase protein-10 (HYDRL-10).	2547	100
1064	AF263614	Homo sapiens	acetyl-CoA synthetase	3493	99
1065	Y13356	Homo sapiens	Amino acid sequence of protein PRO221.	1363	100
1066	AC006153	Homo sapiens	similar to Aquifex aeolicus GTP-binding protein; similar to AE000771 (PID:g2984292)	662	98
1067	Y18930	Sulfolobus solfataricus	hypothetical protein	162	29
1068	R65969	Homo sapiens T98G	Glioblastoma-derived polypeptide.	887	100
1069	Y07964	Homo sapiens	Human secreted protein fragment	863	96
1070	AF177476	Rattus norvegicus	CDK5 activator-binding protein	1995	85
1071	AF265505	Homo sapiens	adlican	3109	99
1072	U92794	Mus musculus	alpha glucosidase II, beta subunit	147	35
1073	G03889	Homo sapiens	Human secreted protein, SEQ ID NO: 7970.	693	98
1074	U15779	Homo sapiens	p70	380	28
1075	Y13392	Homo sapiens	Amino acid sequence of	1271	91

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			protein PRO328.		
1076	AF161457	Homo sapiens	HSPC339	571	100
1077	Y79509	Homo sapiens	Human carbohydrate-associated protein CRBAP-5.	2151	98
1078	AF223466	Homo sapiens	HT015 protein	831	66
1079	AL132965	Arabidopsis thaliana	putative WD-40 repeat-protein	286	29
1080	AB024937	Homo sapiens	LUNX	1284	100
1081	Y14768	Homo sapiens	V-ATPase G-subunit like protein	579	100
1082	AF016416	Caenorhabditis elegans	F29A7.4 gene product	141	31
1083	L13291	Homo sapiens	ADP-ribosylarginine hydrolase	802	45
1084	AB041541	Mus musculus	unnamed protein product	151	44
1085	G01922	Homo sapiens	Human secreted protein, SEQ ID NO: 6003.	202	97
1086	AB030814	Homo sapiens	H-REV107 protein homolog	833	100
1087	AF151638	Homo sapiens	phosphatidylcholine transfer protein	1142	100
1088	Y84432	Homo sapiens	Amino acid sequence of a human RNA-associated protein.	2783	100
1089	Y34867	Homo sapiens	Human protein clone HP10563.	613	100
1090	AK023982	Homo sapiens	unnamed protein product	130	49
1091	AB041586	Mus musculus	unnamed protein product	1103	81
1092	Y71277	Homo sapiens	Human Zlipo3 protein.	606	100
1093	U34973	Mus musculus	protein tyrosine phosphatase-like	1131	95
1094	Y66677	Homo sapiens	Membrane-bound protein PRO828.	522	56
1095	Y87276	Homo sapiens	Human signal peptide containing protein HSPP-53 SEQ ID NO:53.	1029	99
1096	Y87276	Homo sapiens	Human signal peptide containing protein HSPP-53 SEQ ID NO:53.	863	98
1097	AF161455	Homo sapiens	HSPC337	742	98
1098	U80029	Caenorhabditis elegans	similar to thioredoxin	242	39
1099	AJ005866	Homo sapiens	Sqv-7-like protein	1321	99
1100	AJ005866	Homo sapiens	Sqv-7-like protein	1118	99
1101	AJ005866	Homo sapiens	Sqv-7-like protein	891	99
1102	AJ005866	Homo sapiens	Sqv-7-like protein	1016	99
1103	AL110244	Homo sapiens	hypothetical protein	299	31
1104	AF242194	Drosophila melanogaster	brakeless-B	147	52
1105	AL031010	Homo sapiens	dJ422F24.1 (PUTATIVE novel protein similar to C. elegans C02C2.5)	968	100
1106	U28016	Mus musculus	parathion hydrolase (phosphotriesterase)-related protein	1624	87
1107	AJ278150	Homo sapiens	putative lipid kinase	2207	99
1108	G03733	Homo sapiens	Human secreted protein, SEQ ID NO: 7814.	495	98
1109	AF217287	Drosophila melanogaster	G protein RhoBTB	834	54
1110	Y28921	Homo sapiens	Human regulatory protein HRGP-7.	941	48
1111	Y28921	Homo sapiens	Human regulatory protein HRGP-7.	1331	51
1112	AF176704	Homo sapiens	F-box protein FBX9	2027	99
1113	AF182076	Homo sapiens	glioma tumor suppressor candidate region protein 2	2418	100
1114	G04039	Homo sapiens	Human secreted protein, SEQ	475	96

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			ID NO: 8120.		
1115	AF229439	Mus musculus	zinc finger protein 289	1697	91
1116	L40357	Homo sapiens	thyroid receptor interactor	509	100
1117	L40357	Homo sapiens	thyroid receptor interactor	404	85
1118	A12155	Homo sapiens	Human X5L cDNA.	1673	100
1119	AL161542	Arabidopsis thaliana	isomerase like protein	607	53
1120	AL023754	Homo sapiens	dJ272L16.1 (Rat Ca2+/Calmodulin dependent Protein Kinase LIKE protein)	2341	98
1121	Y57901	Homo sapiens	Human transmembrane protein HTMPN-25.	321	36
1122	Z14122	Xenopus laevis	XLCL2	455	77
1123	AF225418	Homo sapiens	lipase	1531	97
1124	Y06518	Homo sapiens	Zen GTPase interacting protein ZIP.	3227	100
1125	AL035690	Homo sapiens	dJ202I21.1 (novel protein)	952	100
1126	AJ000217	Homo sapiens	CLIC2	1286	99
1127	AB030505	Mus musculus	UBE-1c2	1069	79
1128	Y73375	Homo sapiens	HTRM clone 1427838 protein sequence.	874	100
1129	Y78941	Homo sapiens	Cyclophilin-type peptidyl prolyl cis/trans isomerase amino acid sequence.	877	100
1130	AL023553	Homo sapiens	dJ347%13.4 (novel protein)	557	100
1131	Y91945	Homo sapiens	Human chaperone protein 6 (HCHP-6).	1408	100
1132	Z68197	Schizosaccharomyces pombe	putative nuclear pore protein	596	39
1133	Z68197	Schizosaccharomyces pombe	putative nuclear pore protein	389	35
1134	AF180681	Homo sapiens	guanine nucleotide exchange factor	3597	100
1135	AF079765	Mus musculus	enhancer of polycomb	264	41
1136	M62419	Mus musculus	clathrin-associated protein	2189	99
1137	AJ006219	Drosophila melanogaster	clathrin-associated protein	1254	78
1138	Y76218	Homo sapiens	Human secreted protein encoded by gene 95.	440	98
1139	W88104	Homo sapiens	A Rab protein designated HRABS-2.	1065	99
1140	Y13401	Homo sapiens	Amino acid sequence of protein PRO319.	3979	98
1141	W85026	Chimeric - Homo sapiens	Green fluorescent protein-Zap70 fusion product.	3309	100
1142	Y13402	Homo sapiens	Amino acid sequence of protein PRO310.	1694	99
1143	G03875	Homo sapiens	Human secreted protein, SEQ ID NO: 7956.	660	99
1144	Y12917	Homo sapiens	Amino acid sequence of a human secreted peptide.	750	98
1145	Y12917	Homo sapiens	Amino acid sequence of a human secreted peptide.	1096	100
1146	AL022157	Homo sapiens	SPIN (SPINDLIN HOMOLOG (PROTEIN DXF34))	1233	100
1147	AL022157	Homo sapiens	SPIN (SPINDLIN HOMOLOG (PROTEIN DXF34))	1233	100
1148	G02548	Homo sapiens	Human secreted protein, SEQ ID NO: 6629.	370	98
1149	Y73338	Homo sapiens	HTRM clone 2019742 protein sequence.	1492	100
1150	W74841	Homo sapiens	Human secreted protein encoded by gene 113 clone	228	55

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			HEAAR60.		
1151	AF044201	Rattus norvegicus	neural membrane protein 35; NMP35	1570	92
1152	AF156774	Homo sapiens	lysophosphatidic acid acyltransferase-gamma1	1855	99
1153	AL118501	Homo sapiens	dJ1191N16.1 (A novel protein (translation of the cDNA DKFZp566A0946, Em:AL050069))	872	64
1154	AF131852	Homo sapiens	Unknown	473	100
1155	Y41705	Homo sapiens	Human PRO352 protein sequence.	1381	97
1156	G04036	Homo sapiens	Human secreted protein, SEQ ID NO: 8117.	607	99
1157	AF112444	Lupinus luteus	L-asparaginase	287	43
1158	AF151848	Homo sapiens	CGI-90 protein	232	32
1159	AJ272267	Homo sapiens	choline dehydrogenase	2449	100
1160	AB001773	Clona savigny	PBM-6	196	33
1161	Y87330	Homo sapiens	Human signal peptide containing protein HSPP-107 SEQ ID NO:107.	746	83
1162	Y87330	Homo sapiens	Human signal peptide containing protein HSPP-107 SEQ ID NO:107.	746	83
1163	AF113534	Homo sapiens	HP1-BP74 protein	2723	96
1164	AF232226	Danio rerio	Deddl	191	41
1165	AL118501	Homo sapiens	dJ1191N16.1 (A novel protein (translation of the cDNA DKFZp566A0946, Em:AL050069))	1051	71
1166	AL118501	Homo sapiens	dJ1191N16.1 (A novel protein (translation of the cDNA DKFZp566A0946, Em:AL050069))	945	76
1167	AF187733	Homo sapiens	syntaphilin	831	42
1168	AB019435	Homo sapiens	phospholipase	951	55
1169	AF064604	Homo sapiens	KE03 protein	324	33
1170	Y01164	Homo sapiens	Polypeptide fragment encoded by gene 6.	1191	100
1171	L03388	Saccharomyces cerevisiae	putative	180	22
1172	AF113751	Mus musculus	nuclear pore membrane glycoprotein POM210	3941	81
1173	AJ245417	Homo sapiens	G5b protein	794	100
1174	AL022238	Homo sapiens	dJ1042K10.3 (novel protein)	1285	100
1175	U41278	Caenorhabditis elegans	F33G12.3 gene product	332	28
1176	M35617	Homo sapiens	T-cell receptor V-alpha-J-alpha region	284	83
1177	AC012680	Arabidopsis thaliana	putative protein phosphatase 2C; 55455-56414	209	37
1178	G01345	Homo sapiens	Human secreted protein, SEQ ID NO: 5426.	692	99
1179	AL096767	Homo sapiens	dJ579N16.3 (novel protein similar to worm, Arabidopsis and pine proteins)	1342	100
1180	AF039716	Caenorhabditis elegans	similar to ATP synthase B chain	496	55
1181	Y11710	Homo sapiens	collagen type XIV	1048	97
1182	X82240	Homo sapiens] >R94974 R94974 09-MAY-1996 27-OCT-1994 Human TCL-1 polypeptide.	T cell leukemia/lymphoma 1	617	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		[Homo sapiens			
1183	U42841	Caenorhabditis elegans	short region of weak similarity to collagen	161	33
1185	AJ131613	Homo sapiens	dicarboxylate carrier protein	1470	99
1186	L27645	Danio rerio	growth-associated protein	130	36
1187	Y02738	Homo sapiens	Human secreted protein encoded by gene 89 clone HLHFP03.	636	100
1188	AF217544	Xenopus laevis	ornithine decarboxylase-2	1459	60
1189	AL136307	Homo sapiens	dJ380B8.2 (Neuritin, a protein which promotes neurite outgrowth)	182	33
1190	X89502	Homo sapiens	rTSbeta	197	100
1191	U32828	Haemophilus influensae Rd	ribosomal protein S6 modification protein (rimK)	268	31
1192	AF154831	Rattus norvegicus	PV-1	1403	60
1193	Y50926	Homo sapiens	Human fetal brain cDNA clone vc16_1 derived protein.	918	100
1194	AF026530	Rattus norvegicus	stathmin-like-protein splice variant RB3''	1093	97
1195	U35244	Rattus norvegicus	vacuolar protein sorting homolog r-vps33a	2981	96
1196	Y70470	Homo sapiens	Human p53 target molecule, PRG3 protein.	1680	100
1197	AF157318	Homo sapiens	AD-017 protein	912	47
1198	AF125443	Caenorhabditis elegans	contains similarity to S. pombe phosphatidyl synthase (GB:Z28295)	460	39
1199	AF201934	Homo sapiens	Dc12	1649	88
1200	AL031775	Homo sapiens	dJ30M3.3 (novel protein similar to C. elegans Y63D3A.4)	1902	100
1201	M21103	Ovis aries	SIIIB4 high-sulfur keratin	484	82
1202	Z85986	Homo sapiens	dJ108K11.3 (similar to yeast suppressor protein SRP40)	1143	75
1203	U18762	Rattus norvegicus	retinol dehydrogenase type I	890	52
1204	U35730	Mus musculus	jerky	2235	76
1205	AB002327	Homo sapiens	KIAA0329	151	24
1206	AB019233	Arabidopsis thaliana	ubiquinone/menaquinone biosynthesis methyltransferase-like	762	56
1207	AL136307	Homo sapiens	dJ380B8.2 (Neuritin, a protein which promotes neurite outgrowth)	742	100
1208	AF207989	Homo sapiens	orphan G-protein coupled receptor	2326	100
1209	Z97630	Homo sapiens	dJ466N1.4 (novel protein similar to ANK3 (ankyrin 3, node of Ranvier (ankyrin G)))	181	44
1210	U21549	Mus musculus	Ac39/physophilin	1280	68
1211	Y27700	Homo sapiens	Human secreted protein encoded by gene No. 12.	1267	100
1212	AF117814	Mus musculus	odd-skipped related 1 protein	945	66
1213	AF277233	Naegleria fowleri	calcineurin B	222	39
1214	D14849	Mus musculus	meiosis-specific nuclear structural protein 1	1950	77
1215	G03022	Homo sapiens	Human secreted protein, SEQ ID NO: 7103.	590	100
1216	Z72510	Caenorhabditis	similarity to yeast UTR3	634	49

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		is elegans	protein (Swiss Prot accession yk677h11.5 comes from this gene		
1217	Z49703	Saccharomyces cerevisiae	unknown	134	22
1218	AC013430	Arabidopsis thaliana	F3F9.18	199	29
1219	L10910	Homo sapiens	splicing factor	1026	71
1220	Z70750	Caenorhabditis elegans	similar to vanadate resistance protein transmembranous comes from this gene	965	58
1221	AL163815	Arabidopsis thaliana	putative protein	653	61
1222	AF155100	Homo sapiens	zinc finger protein NY-REN-21 antigen	2261	100
1223	J05071	Bos taurus	GTP-binding regulatory protein gamma-6 subunit	356	100
1224	Y73364	Homo sapiens	HTRM clone 2765991 protein sequence.	1169	99
1225	AL050170	Homo sapiens	hypothetical protein	714	100
1226	X64002	Homo sapiens	RAP74	2661	99
1227	X04085	Homo sapiens	catalase	2846	100
1228	AJ005620	Mus musculus	skeletal muscle-specific gene	1416	90
1229	AF045564	Rattus norvegicus	development-related protein	1715	93
1230	X95771	Mus musculus	HCMV-interacting protein	479	96
1231	L08239	Homo sapiens	located at OATL1	2274	100
1232	AF121853	Homo sapiens	sorting nexin 14	1964	100
1233	AF121853	Homo sapiens	sorting nexin 14	1203	84
1234	AC024805	Caenorhabditis elegans	contains similarity to TR:Q04595	744	31
1235	AC006634	Caenorhabditis elegans	contains similarity to Saccharomyces cerevisiae probable membrane protein YLR418C (GB:U20162)	357	33
1236	Y18101	Mus musculus	macrophage actin-associated-tyrosine-phosphorylated protein	1559	87
1237	AB042646	Homo sapiens	TGIF2	1224	100
1238	AB026264	Homo sapiens	IMPACT	1694	100
1239	AB026264	Homo sapiens	IMPACT	1123	100
1240	G00429	Homo sapiens	Human secreted protein, SEQ ID NO: 4510.	324	100
1241	Y76144	Homo sapiens	Human secreted protein encoded by gene 21.	1363	53
1242	AL035602	Arabidopsis thaliana	putative protein	499	28
1243	X76483	Gallus gallus	Yes-associated protein (65kDa)	574	48
1244	AF220186	Homo sapiens	uncharacterized hypothalamus protein HT012	503	100
1245	AL021453	Homo sapiens	dJ921D11.3 (PUTATIVE protein)	856	100
1246	AJ276003	Homo sapiens	GNRL protein	1216	100
1247	Y57910	Homo sapiens	Human transmembrane protein HTMPN-34.	1369	98
1248	AC004874	Homo sapiens	similar to N-acetylgalactosaminyltransferase; similar to Q07537 (PID:g1171989)	957	100
1249	AF199597	Homo sapiens	A-type potassium channel modulatory protein 1	1139	100
1250	Y13148	Rattus norvegicus	PAG608	1350	88
1251	M24852	Rattus norvegicus	neuron-specific protein PEP-19	124	46

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1252	AF146738	Rattus norvegicus	testis specific protein	771	83
1253	G02725	Homo sapiens	Human secreted protein, SEQ ID NO: 6806.	419	97
1254	W64375	Homo sapiens	Human ubiquitin-conjugating enzyme polypeptide.	1045	99
1255	AC006538	Homo sapiens	BC41195_1	831	78
1256	AB004316	Bos taurus	mitochondrial methionyl-tRNA transformylase	1556	88
1257	Z35094	Homo sapiens	SURF-2	1354	97
1258	Y13362	Homo sapiens	Amino acid sequence of protein PRO214.	2383	100
1259	AC006014	Homo sapiens	similar to RF7 transforming protein; similar to P14373 (PID:g132517)	1299	100
1260	AC005099	Homo sapiens	match to AI232572 (NID:g3804775)	469	100
1261	V00507	Homo sapiens	coding sequence of DHFR (1 is 1st base in codon) (551 is 3rd base in codon)	984	100
1262	X15443	Rattus sp.	gamma-glutamyltranspeptidase (AA 1-568)	697	32
1263	AF173871	Mus musculus	neuronal PAS3	977	94
1264	AF178983	Homo sapiens	Raf-associated protein Rap1	433	97
1265	Y70473	Homo sapiens	Human cyclic nucleotide-associated protein-1 (CNAP-1).	2785	99
1266	Y41738	Homo sapiens	Human PRO541 protein sequence.	1622	100
1267	AF061346	Mus musculus	Edg1 protein	1077	64
1268	U97006	Caenorhabditis elegans	C13F10.4 gene product	154	23
1269	AF233582	Mus musculus	GTPase Rab37	942	95
1270	AF195951	Homo sapiens	signal recognition particle 68	3127	98
1271	AL031177	Homo sapiens	dJ889M15.3 (novel protein)	1150	55
1272	AF201933	Homo sapiens	DC11	650	100
1273	AF201933	Homo sapiens	DC11	346	98
1274	AL021710	Arabidopsis thaliana	putative protein	348	49
1275	AC004449	Homo sapiens	R33683_3	556	100
1276	Y86295	Homo sapiens	Human secreted protein HL2A387, SEQ ID NO:210.	1920	100
1277	Y71111	Homo sapiens	Human Hydrolase protein-9 (HYDRL-9).	1576	99
1278	S94421	Homo sapiens	T cell receptor eta-exon	478	100
1279	Y66695	Homo sapiens	Membrane-bound protein PRO1344.	1909	100
1280	AF161380	Homo sapiens	HSPC262	772	100
1281	Y48610	Homo sapiens	Human breast tumour-associated protein 71.	779	100
1282	AC015446	Arabidopsis thaliana	Similar to ATG1 protein	406	35
1283	AK024432	Homo sapiens	FLJ00022 protein	403	35
1284	W96153	Homo sapiens	Human FADD-interacting protein (FIP).	1825	81
1285	AJ001019	Homo sapiens	ring finger protein	1301	100
1286	AE003823	Drosophila melanogaster	CG13178 gene product	195	29
1287	AF178632	Homo sapiens	FEM-1-like death receptor binding protein	3261	100
1288	AC006033	Homo sapiens	similar to MLN 64; similar to I38027 (PID:g2135214)	1195	100
1289	AC006033	Homo sapiens	similar to MLN 64; similar to I38027 (PID:g2135214)	668	93
1290	AB023811	Homo sapiens	TU3A	351	54

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1291	Z73424	Caenorhabditis elegans	C44B9.1	235	36
1292	Y94871	Homo sapiens	Human protein clone HP02551.	1222	100
1293	AF180425	Homo sapiens	retinoblastoma-associated protein RAP140	489	29
1294	G03856	Homo sapiens	Human secreted protein, SEQ ID NO: 7937.	538	99
1295	AF133670	Mus musculus	ARL-6 interacting protein-2	367	51
1296	AJ249735	Homo sapiens	claudin-6	1142	100
1297	X57560	Escherichia coli	pspE protein	535	100
1298	AF169284	Homo sapiens	LIM and cysteine-rich domains protein 1	1997	100
1299	U41023	Caenorhabditis elegans	coded for by C. elegans cDNA yk61f1.3; coded for by C. yk109h8.5	324	29
1300	AB024523	Homo sapiens	basic kruppel like factor	1206	100
1301	X55989	Homo sapiens	eosinophil cationic-related protein	737	99
1302	AF007151	Homo sapiens	unknown	1481	100
1303	X52904	Escherichia coli	open reading frame (AA 1-65)	359	100
1304	U19577	Escherichia coli	galactonate dehydratase	242	93
1305	AF266508	Mus musculus	NELF protein	1409	97
1306	Y57901	Homo sapiens	Human transmembrane protein HTMPN-25.	932	100
1307	U58750	Caenorhabditis elegans	similar to the mitochondrial carrier family	365	54
1308	AF044774	Homo sapiens	breakpoint cluster region protein 2	2681	99
1309	AL078593	Homo sapiens	dJ210N1.1 (KIAA0680)	267	34
1310	X82693	Homo sapiens	E48 antigen	620	96
1311	Z82263	Caenorhabditis elegans	C47A4.1	283	35
1312	AF131218	Homo sapiens	chromosome 16 open reading frame 5	1493	100
1313	Y41763	Homo sapiens	Human PRO938 protein sequence.	1636	100
1314	AF196972	Homo sapiens	JM24 protein	2239	100
1315	AF053356	Homo sapiens	insulin receptor substrate like protein	228	97
1316	Y66695	Homo sapiens	Membrane-bound protein PRO1344.	1909	100
1317	AF153127	Gallus gallus	SAPK interacting protein	2442	89
1318	AF153127	Gallus gallus	SAPK interacting protein	1477	83
1319	AF153127	Gallus gallus	SAPK interacting protein	1651	86
1320	X56932	Homo sapiens	23 kD highly basic protein	1044	100
1321	AF174605	Homo sapiens] >YB3086 YB3086 09-MAR-2000 28-AUG-1998 F-box protein FBP-18. [Homo sapiens	F-box protein Fbx25	467	70
1322	M61732	Trypanosoma cruzi	neuraminidase	214	24
1323	Y17013	porcine endogenous	pol	304	64

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		retrovirus			
1324	AL138655	Arabidopsis thaliana	putative protein	1174	37
1325	AL138655	Arabidopsis thaliana	putative protein	946	35
1326	AL133215	Homo sapiens	bA108L7.2 (novel protein similar to rat tricarboxylate carrier)	1322	99
1327	AF151541	Homo sapiens	HSPC056	1357	99
1328	Y73346	Homo sapiens	HTRW clone 619699 protein sequence.	785	96
1329	L10910	Homo sapiens	splicing factor	912	82
1330	AF146568	Homo sapiens	MIL1 protein	1936	100
1331	W87772	Homo sapiens	Human serum glucocorticoid-regulated kinase (H-SGK2) polypeptide.	232	39
1332	Y41741	Homo sapiens	Human PRO704 protein sequence.	1860	100
1333	AF295096	Homo sapiens	Zinc-finger protein ZBRK1	411	91
1334	Z82271	Caenorhabditis elegans	Similarity to Mouse kinensin-like protein KIF4 comes from this gene	578	44
1335	AE000810	Methanobacterium thermoautotrophicum	conserved protein	290	43
1336	Y68779	Homo sapiens	Amino acid sequence of a human phosphorylation effector PHSP-11.	1019	91
1337	AE027053	Mus musculus	protein phosphatase	378	84
1338	U64856	Caenorhabditis elegans	weak similarity to TPR domains	215	40
1339	AE001394	Plasmodium falciparum	protein of the YMR7 family	170	29
1340	X76717	Homo sapiens	MT-11 protein	204	89
1341	AC011914	Arabidopsis thaliana	putative mutT protein; 68398-67881	289	45
1342	AJ276171	Homo sapiens	ASPIC	2122	100
1343	AF187016	Homo sapiens	myosin regulatory light chain interacting protein MIR	2303	99
1344	AC006963	Homo sapiens	similar to Kelch proteins; similar to BAA77027 (PID:g4650844)	894	35
1345	AF257466	Homo sapiens	N-acetylneuraminic acid phosphate synthase	1880	99
1346	Y25896	Homo sapiens	Human secreted protein fragment encoded from gene 64.	1148	100
1347	AJ272073	Torpedo marmorata	male sterility protein 2-like protein	1664	58
1348	AF161548	Homo sapiens	HSPC063	1018	98
1349	W78128	Homo sapiens	Human secreted protein encoded by gene 3 clone HOSBI96.	1117	100
1351	G02144	Homo sapiens	Human secreted protein, SEQ ID NO: 6225.	418	100
1352	D90869	Escherichia coli	similar to	2047	100
1353	A12029	Homo sapiens	MRP-14	613	100
1354	AC005328	Homo sapiens	R25660_1, partial CDS	870	74
1355	AC004876	Caenorhabditis elegans	contains similarity to SW:RPB1_CRIGR	829	61
1356	AF097226	Homo sapiens	copine III	1876	64
1359	AF217188	Mus musculus	YIP1B	801	63
1360	AC074331	Homo sapiens	ZNF234	3669	100
1361	AL163279	Homo sapiens	homolog to cAMP response	5035	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			element binding and beta transducin family proteins		
1362	Z48475	Homo sapiens	glucokinase regulator	3160	99
1363	Z48475	Homo sapiens	glucokinase regulator	2682	97
1364	AF195764	Homo sapiens	megakaryocyte-enhanced gene transcript 1 protein; MEGT1 protein	2055	99
1365	AF116609	Homo sapiens	PRO0915	581	100
1366	AF116609	Homo sapiens	PRO0915	581	100
1367	AL117352	Homo sapiens	dJ376B10.3 (novel protein similar to C. elegans T19B10.6 (Tr:Q22557))	2581	99
1368	Y34124	Homo sapiens	Human potassium channel K+Inov15.	1342	100
1369	AJ245621	Homo sapiens	CTL2 protein	3728	99
1370	AF008220	Bacillus subtilis	YtaG	429	45
1371	X05562	Homo sapiens	alpha-2 chain precursor (AA - 25 to 1018) (3416 is 2nd base in codon)	5908	99
1372	Z98048	Homo sapiens	dJ468N23.4 (novel DnaJ domain protein)	1296	99
1373	AF154415	Homo sapiens	FLASH	10253	100
1374	U20286	Rattus norvegicus	lamina associated polypeptide 1C	1567	69
1375	U53445	Homo sapiens	DOC1	1645	46
1376	AL117337	Homo sapiens	bA393J16.1 (zinc finger protein 33a (KOX 31))	250	60
1377	AC005328	Homo sapiens	R26660_1, partial CDS	1126	100
1378	U35113	Homo sapiens	metastasis-associated gene	1823	69
1379	L15313	Caenorhabditis elegans	putative	858	58
1380	Y25756	Homo sapiens	Human secreted protein encoded from gene 46.	1508	100
1381	AB037360	Homo sapiens	ANKHZN	5734	95
1382	AB037360	Homo sapiens	ANKHZN	959	97
1383	AF237676	Mus musculus	G beta-like protein GBL	1721	96
1384	AF237676	Mus musculus	G beta-like protein GBL	1043	70
1385	Y58793	Homo sapiens	Human calcium regulatory protein CaRRG-1.	715	100
1386	AF212162	Homo sapiens	ninein	10369	99
1387	AL031685	Homo sapiens	dJ963K23.2 (novel protein)	337	33
1388	AC004890	Homo sapiens	similar to zinc finger proteins; similar to BAA24380 >W06316 W06316 03-OCT-1996 27-APR-1995 TRP-1 protein.	542	86
1389	AF187989	Homo sapiens	zinc finger protein ZNF223	2665	99
1390	AC035150	Homo sapiens	zinc finger protein ZNF221	3459	100
1391	AF287894	Homo sapiens	PIST	1410	97
1392	AF282265	Homo sapiens	inner centromere protein INCENP	1794	99
1393	X90840	Homo sapiens	axonal transporter of synaptic vesicles	4584	99
1394	AF076249	Homo sapiens	zinc finger protein SSBIZ1	3208	99
1395	G02224	Homo sapiens	Human secreted protein, SEQ ID NO: 6305.	299	75
1396	AC004809	Arabidopsis thaliana	Similar to	130	34
1398	AF242519	Homo sapiens	zinc finger protein SBZF3	181	66
1399	AL133396	Homo sapiens	dJ1068H6.4 (prion protein like protein doppel)	962	100
1400	Y48611	Homo sapiens	Human breast tumour-associated protein 72.	817	99
1401	AC004472	Homo sapiens	P1.11659_5	280	54
1402	X91489	Saccharomyces cerevisiae	putative HMG box	164	27

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1403	Y79222	Homo sapiens	Human transferase TRNSFS-14.	2842	100
1404	X81058	Mus musculus	tex261	1010	99
1405	AB012084	Mus musculus	ITM	194	29
1406	AB030251	Homo sapiens	GTPase activating protein	3233	99
1407	AJ010585	Rattus rattus	PTB-like protein	2684	99
1408	X75760	Drosophila melanogaster	LRR47	364	29
1409	U76618	Mus musculus	N-RAP	804	48
1410	AC005578	Homo sapiens	F20887_1, partial CDS	835	63
1411	AE000284	Escherichia coli	orf, hypothetical protein	360	100
1412	X01563	Escherichia coli	L5 (rplE) (aa 1-179)	911	100
1413	W78279	Homo sapiens	Fragment of human secreted protein encoded by gene 33.	1264	99
1414	AB031051	Homo sapiens	organic anion transporter CATP-E	3832	100
1415	M17466	Homo sapiens	coagulation factor XII	3455	100
1416	AF097994	Homo sapiens	L-kynurenine/alpha-aminoadipate aminotransferase	2202	99
1417	AF151077	Homo sapiens	HSPC243	1262	99
1418	Y09945	Rattus norvegicus	putative integral membrane transport protein	1098	61
1419	U13152	Mesocricetus auratus	guanine nucleotide-binding protein beta 5	2179	76
1420	AL162458	Homo sapiens	hA465L10.5 (KIAA1176 (novel protein, presumed ortholog of mouse K-Cl cotransporter KCC2))	5696	100
1421	Y99426	Homo sapiens	Human PRO1604 (UNQ785) amino acid sequence SEQ ID NO:308.	152	29
1422	Y94923	Homo sapiens	Human secreted protein clone qs14_3 protein sequence SEQ ID NO:52.	4039	99
1423	AF177388	Homo sapiens	cancer-amplified transcriptional coactivator ASC-2	10748	99
1424	Y48517	Homo sapiens	Human breast tumour-associated protein 62.	1851	99
1425	AF208848	Homo sapiens	BM-006	1454	89
1426	AF208848	Homo sapiens	BM-006	853	79
1427	AF112886	Bos taurus	differentiation enhancing factor 1	4693	95
1428	U41387	Homo sapiens	Gu protein	1372	63
1429	AF161534	Homo sapiens	HSPC049	2853	78
1430	AF125043	Mus musculus	bisphosphate 3'-nucleotidase	275	30
1431	Y66718	Homo sapiens	Membrane-bound protein PRO1106.	1886	100
1432	AF193613	Homo sapiens	cell recognition molecule Caspr2	566	100
1433	AB044560	Mus musculus	Gliacolin	192	34
1434	B99800	Homo sapiens	NETI-1 nerve protein, facilitates regeneration of nerve cells.	707	51
1435	AF220530	Homo sapiens	myo-inositol 1-phosphate synthase A1	2904	100
1436	X70944	Homo sapiens	PTB-associated splicing factor	1261	72
1437	AF271732	Homo sapiens	bridging integrator-3	1282	100
1438	Y30811	Homo sapiens	Human secreted protein encoded from gene 1.	595	98
1439	AJ293659	Homo sapiens	mucolipidin	628	97
1440	AF219138	Homo sapiens	GGA3 long isoform	3083	100
1441	AF219138	Homo sapiens	GGA3 long isoform	3346	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1442	AB039669	Homo sapiens	ALMX3	1944	100
1443	AF237711	Drosophila melanogaster	Diablo	191	27
1444	AJ011896	Homo sapiens	Naf1 beta protein	439	39
1445	X73874	Homo sapiens	phosphorylase kinase	6233	98
1446	AF214114	Homo sapiens	breast carcinoma-associated antigen ECAA	3999	99
1447	AF003924	Homo sapiens	ANC_2H01	2645	99
1448	AF003136	Caenorhabditis elegans	contains weak similarity to an AMP-binding motif	2843	52
1449	AF155112	Homo sapiens	NY-REN-50 antigen	1184	89
1450	Y95004	Homo sapiens	Human secreted protein vc54_1, SEQ ID NO:48.	985	100
1451	AF107203	Homo sapiens	ataxin 2-binding protein	688	57
1452	AF107203	Homo sapiens	ataxin 2-binding protein	456	78
1453	Z38011	Mus musculus	DMR-N9	882	56
1454	X90568	Homo sapiens	Protein sequence and annotation available soon via LABBEIT@EMBL-Heidelberg.DE	510	28
1455	AL035409	Homo sapiens	dJ564M11.3 (similar to sialyltranferase)	1356	100
1456	D44480	Mus musculus	MATH-2 protein	272	100
1458	AF141326	Homo sapiens	RNA helicase HDE/DICE1	478	45
1459	AF242552	Gallus gallus	retinovin	945	34
1460	U11036	Homo sapiens	Ibd1	724	84
1461	AB025258	Mus musculus	granuphilin-a	545	39
1462	Y08134	Homo sapiens	acid sphingomyelinase-like phosphodiesterase	2428	99
1463	AC004997	Homo sapiens	match to ESTs Z43979 (NID:g573097), R19699 (NID:g774333)	869	98
1464	AC004997	Homo sapiens	match to ESTs Z43979 (NID:g573097), R19699 (NID:g774333)	869	98
1465	U32743	Haemophilus influenzae Rd	fucose operon protein (fucU)	315	50
1466	Y09022	Homo sapiens	Nor56-like protein	2342	100
1467	AC003034	Homo sapiens	Homolog of rat kidney-specific (KS) gene	1072	99
1468	AF071544	Spinacia oleracea	ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I	333	26
1469	Y57930	Homo sapiens	Human transmembrane protein HTMPN-54.	1053	100
1470	AF032666	Rattus norvegicus	rsec5	4504	93
1471	Y70467	Homo sapiens	Human membrane channel protein-17 (MRCHP-17).	452	74
1472	AL031033	Homo sapiens	C321D2.1 (Ribosomal Large Subunit Pseudouridine Synthase protein)	1694	100
1473	AF177292	Homo sapiens	genethonin 3	4026	98
1474	S45936	Homo sapiens	HTS1	1101	50
1475	Y86241	Homo sapiens	Human secreted protein HOABR60, SEQ ID NO:156.	1879	98
1476	AJ010317	Fugu rubripes	Sand	1278	68
1477	U42831	Caenorhabditis elegans	coded for by C. elegans cDNA yk99b4.3; similar to human transforming protein (PIR:S22157)	846	44
1478	X62447	Homo sapiens	PK 264	543	61
1479	X82209	Homo sapiens	MN1	7116	100
1480	U10536	Pan paniscus	MHC class I A	675	84

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1481	AL078599	Homo sapiens	dJ991C6.1 (novel protein similar to C. elegans F55A12.9 (Tr:P91066))	1274	65
1482	Z98977	Schizosaccharomyces pombe	putative vacuolar protein	256	29
1483	AB005662	Mus musculus	JNK/SAPK-associated protein-1	4968	93
1484	AL050120	Homo sapiens	hypothetical protein	716	100
1485	M27878	Homo sapiens	DNA binding protein	1006	53
1486	Y69761	Homo sapiens	Amino acid sequence of a partial protein kinase.	575	99
1487	X84156	Saccharomyces cerevisiae	ATH1	341	29
1488	AF038963	Homo sapiens	RNA helicase	446	34
1489	U56966	Caenorhabditis elegans	coded for by C. elegans cDNA yk30b3.5; coded for by C. elegans cDNA yk30b3.3	620	42
1490	AE000989	Archaeoglobus fulgidus	enoyl-CoA hydratase (fad-4)	533	46
1491	M80633	Rattus norvegicus	adenylyl cyclase type IV	707	95
1492	Y73342	Homo sapiens	HTRM clone 2709055 protein sequence.	3513	99
1493	Y17220	Homo sapiens	Human secreted protein (clone fj283-11)	462	37
1494	AF133670	Mus musculus	ARL-6 interacting protein-2	701	97
1495	Y94897	Homo sapiens	Human protein clone HP10574.	1371	100
1496	AL049699	Homo sapiens	dJ747H23.2 (novel protein)	1550	100
1497	AF037447	Homo sapiens	ribosomal S6 protein kinase	2427	100
1498	AL445067	Thermoplasma acidophilum	putative target YPL207w of the HAP2 transcriptional complex related protein	269	35
1499	AB033947	Homo sapiens	X11L-binding protein 51	227	36
1500	AJ277750	Homo sapiens	UBASH3A protein	3509	100
1501	AL050333	Homo sapiens	dJ93K22.1 (novel protein (contains DKFZP564B116))	2439	100
1502	AF179896	Homo sapiens	TALE homeobox protein Meis2b	1140	100
1503	AF178948	Homo sapiens	TALE homeobox protein Meis2a	1177	100
1504	Y83005	Homo sapiens	Human secreted protein clone pm749_8 protein sequence SEQ ID NO:16.	1442	99
1505	X82494	Homo sapiens	fibulin-2	3580	99
1506	X98296	Homo sapiens	ubiquitin hydrolase	783	42
1507	AL034548	Homo sapiens	dJ1103G7.6 (ncvel protein)	1038	100
1508	Y76144	Homo sapiens	Human secreted protein encoded by gene 21.	1736	100
1509	AF220182	Homo sapiens	uncharacterized hypothalamus protein HT008	1181	98
1510	U64601	Caenorhabditis elegans	Gene probably begins in the next cosmid	415	58
1511	AL356192	Neurospora crassa	related to MDM1 protein	196	29
1512	D17629	Homo sapiens	N-acetylgalactosamine 6-sulfate sulfatase (GALNS)	1829	100
1513	AF168717	Homo sapiens	x 009 protein	694	99
1514	AJ243531	Homo sapiens	nM15 protein	735	100
1515	AC003672	Arabidopsis thaliana	putative C3HC4-type RING zinc finger protein	407	30
1516	AF115435	Rattus norvegicus	syntaxin 17	1374	90
1517	AF003140	Caenorhabditis elegans	C44E4.5 gene product	274	31
1518	AB002584	Rattus norvegicus	beta-alanine-pyruvate aminotransferase	2238	82
1519	AL121764	Schizosaccha	yeast atp12 protein precursor	270	30

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		romyces pombe	homolog		
1520	AF255910	Homo sapiens	vascular endothelial junction-associated molecule	547	100
1521	D31764	Homo sapiens	KIAA0064	170	27
1522	Y66634	Homo sapiens	Membrane-bound protein PRO190.	985	100
1523	Y94450	Homo sapiens	Human inflammation associated protein	250	43
1524	AC000107	Arabidopsis thaliana	F17F8.22	277	37
1525	AF109377	Mus musculus	ldlBp	1277	83
1526	AL031427	Homo sapiens	dJ167A19.4 (novel protein)	1432	99
1527	Y00135	Mus musculus	acid sphingomyelinase-like phosphodiesterase	1496	79
1528	AK024423	Homo sapiens	FLJ00012 protein	611	100
1529	AF154502	Homo sapiens	quiescent cell proline dipeptidase	679	100
1530	AF205598	Homo sapiens	transposase-like protein	1368	100
1531	AF251039	Homo sapiens	putative zinc finger protein	1420	50
1532	W74805	Homo sapiens	Human secreted protein encoded by gene 77 clone HOEAS24.	493	57
1533	AF039023	Homo sapiens	Ran-GTP binding prctein; RanBP6	5707	99
1534	AC007190	Arabidopsis thaliana	F23N19.9	374	37
1535	AB027564	Homo sapiens	DINB1	4482	100
1536	Y36178	Homo sapiens	Human secreted protein	377	87
1537	Y50907	Homo sapiens	Human fetal brain cDNA clone vb3_1 derived protein.	3693	99
1538	AF017368	Mus musculus	facioqenital dysplasia protein 2	177	47
1539	AF266756	Homo sapiens	sphingosine kinase	2011	99
1540	Z48804	Homo sapiens	OA1	2238	100
1541	AF000195	Caenorhabdit is elegans	Contains similarity to Pfam domain: PF00169 (PH), Score=20.6, E-value=1.9e-05, N=1	379	42
1542	Y71159	Homo sapiens	Human phosphodiesterase interacting protein, myomegalin.	9415	99
1543	X76092	Homo sapiens	DNA binding protein RFX3	3327	100
1544	AB015330	Homo sapiens	HRIHPB2007	631	50
1545	AF198487	Homo sapiens	transcription factor LBP-1b	2822	100
1546	AF016417	Caenorhabdit is elegans	Similar to BZIP transcription factor	518	42
1547	X55885	Homo sapiens	KDEL receptor	1106	100
1548	AB035495	Carassius auratus	ubiquitin-activating enzyme E1	836	42
1549	AL021707	Homo sapiens	dJ508I15.4 (KIAA0668)	3688	100
1550	AJ223978	Bacillus subtilis	YvqK protein	292	42
1551	AF145615	Drosophila melanogaster	BcDNA.GH03377	822	44
1552	AL157734	Schizosaccha romyces pombe	putative mannosyltransferase involved in N-glycosylation	435	37
1553	AF079527	Mus musculus	IER5	691	63
1554	AB026291	Rattus norvegicus	acetoacetyl-CoA synthetase	1099	88
1555	Y44722	Homo sapiens	Human immune system molecule, ISMO-3.	1780	99
1556	AF116553	Drosophila melanogaster	antennal-specific short-chain dehydrogenase/reductase	277	32
1557	Y71056	Homo sapiens	Human membrane transport	1975	99

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			protein, MTRP-1.		
1558	Y71056	Homo sapiens	Human membrane transport protein, MTRP-1.	1975	99
1559	Y71056	Homo sapiens	Human membrane transport protein, MTRP-1.	1894	97
1560	AF092050	Mus musculus	beta-1,3-N-acetylglucosaminyltransferase	262	44
1561	AL109827	Homo sapiens	dJ309K20.2 (acrosomal protein ACR55 (similar to rat sperm antigen 4 (SPAG4)))	1607	97
1562	AJ131890	Homo sapiens	DNA polymerase lambda	3002	100
1563	AL035424	Homo sapiens	dA22D12.1 (novel protein similar to Drosophila Kelch proteins)	3015	100
1564	AC002400	Homo sapiens	Gene product with similarity to Ubiquitin binding enzyme	2790	100
1565	AC005306	Homo sapiens	R27216_1	919	82
1566	AF000195	Caenorhabditis elegans	Contains similarity to Pfam domain: PF00169 (PH), Score=20.6, E-value=1.9e-05, N=1	550	45
1567	AB033281	Homo sapiens	F-box and WD-repeats protein beta-TRCP2 isoform C	2879	100
1568	D49473	Mus musculus	truncated form of Sox17	1047	78
1569	AK025270	Homo sapiens	unnamed protein product	210	91
1570	X75756	Homo sapiens	protein kinase C mu	4797	99
1571	AF145713	Homo sapiens	SCHIP-1	2388	100
1572	AE003831	Drosophila melanogaster	CG18445 gene product	180	31
1573	AF074603	Streptomyces griseus subsp. griseus	NonF	205	38
1574	U28993	Caenorhabditis elegans	F22D3.3 gene product	144	27
1575	AF129507	Homo sapiens	transcription factor ICBP90	287	68
1576	X64878	Homo sapiens	oxytocin receptor	2002	100
1577	AF237711	Drosophila melanogaster	Diablo	421	54
1578	G00975	Homo sapiens	Human secreted protein, SEQ ID NO: 5056.	480	100
1579	AF248744	Cryptosporidium parvum	thrombospondin-related adhesive protein	123	33
1580	AL121782	Homo sapiens	dJ585I14.2 (novel protein (translation of cDNA Em:AK000219))	663	100
1581	AF041853	Homo sapiens	kinesin family member protein KIF3A	345	33
1582	AF025441	Homo sapiens	Opa-interacting protein OIP5	1198	100
1583	AE001803	Thermotoga maritima	glycerate kinase, putative	349	34
1584	AF252283	Homo sapiens	Kelch-like 1 protein	3973	100
1585	AF169675	Homo sapiens	leucine-rich repeat transmembrane protein FLRT1	3494	99
1586	AF118274	Homo sapiens	DNb-5	2628	97
1587	X79440	Homo sapiens	NADP+-dependent malic enzyme	3167	99
1588	X99802	Homo sapiens	ZYG homologue	3966	99
1589	AF169803	Homo sapiens	flavohemoprotein b5+b5R	2563	100
1590	Y29861	Homo sapiens	Human secreted protein clone cb98_4.	181	47
1591	Z25535	Homo sapiens	nuclear pore complex protein hnup153	7567	99
1592	X13293	Homo sapiens	B-myb protein (AA 1-700)	3678	99
1593	M74027	Homo sapiens	mucin	242	27
1594	AL139314	Schizosaccharomyces	hypothetical protein	235	54

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		pombe			
1595	W78324	Homo sapiens	Fragment of human secreted protein encoded by gene 81.	1318	98
1596	Y94906	Homo sapiens	Human secreted protein clone zb649_3 protein sequence SEQ ID NO:18.	2236	98
1597	AF174605	Homo sapiens	F-box protein Fbx25	1408	99
1598	AB032254	Homo sapiens	bromodomain adjacent to zinc finger domain 2A	9676	98
1599	X73114	Homo sapiens	slow MyBP-C	5568	95
1600	X82200	Homo sapiens	gpStaf50	2305	100
1601	Y00876	Homo sapiens	Human LAPH-1 protein sequence.	1149	98
1602	AJ223351	Homo sapiens	HIRA-interacting protein 3	2821	99
1603	AJ222801	Homo sapiens	neutral sphingomyelinase	2268	99
1604	AJ222801	Homo sapiens	neutral sphingomyelinase	1601	99
1605	AF185576	Mus musculus	POZ/zinc finger transcription factor ODA-8	3435	97
1606	AF093744	Homo sapiens	unknown	131	100
1607	A12142	synthetic construct	IFN-pseudo-omega 2	800	98
1608	Y57949	Homo sapiens	Human transmembrene protein HTMPN-73.	1868	100
1609	AF151044	Homo sapiens	HSPC210	681	97
1610	X15218	Homo sapiens	sk1 protein (AA 1 - 728)	3765	100
1611	Y08200	Homo sapiens	rab geranylgeranyl transferase	2976	100
1612	AF220560	Homo sapiens	B/K protein	2486	99
1613	AC004481	Arabidopsis thaliana	nodulin-like protein	371	26
1614	Y09501	Homo sapiens	NADH-cytochrome-b5 reductase	1607	100
1615	Y15521	Homo sapiens	start position 1	3150	97
1616	AJ010750	Rattus norvegicus	Castration induced prostatic apoptosis related protein-1, (CIPAR-1)	890	62
1617	X58079	Homo sapiens	S100 alpha protein	481	100
1618	Y66678	Homo sapiens	Membrane-bound protein PRO1009.	967	100
1619	AJ242973	Homo sapiens	peptide methionine sulfoxide reductase	929	100
1620	AF150733	Homo sapiens	AD-014 protein	288	100
1621	AJ007509	Homo sapiens	E1B-55kDa-associated protein	4646	98
1622	X64177	Homo sapiens	metallothionein	380	100
1623	AE001045	Archaeoglobus fulgidus	A. fulgidus predicted coding region AF0859	240	36
1624	AL355013	Schizosaccharomyces pombe	mitochondrial carrier protein	403	34
1625	Y66746	Homo sapiens	Membrane-bound protein PRO1198.	1184	100
1626	D90053	Sus scrofa	destrin	863	100
1627	Y35954	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 203.	756	100
1628	AL031775	Homo sapiens	dJ30M3.2 (novel protein)	470	100
1629	AF132484	Mus musculus	unknown	286	68
1630	AF017096	Drosophila melanogaster	similar to C. elegans R10H10.6 and S. cerevisiae YD8419.03c	493	61
1631	X03077	Homo sapiens	lactate dehydrogenase-A	1704	100
1632	AF151084	Homo sapiens	HSPC250	763	100
1633	AJ001874	Homo sapiens	orf	255	97
1634	AC012187	Arabidopsis thaliana	Contains weak similarity to GATA-6 DNA-binding protein gb|M36135, gb|Z26200 come from this gene.	143	38

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
1635	AF026246	Homo sapiens	HERV-E integrase	411	90
1636	Y50943	Homo sapiens	Human adult brain cDNA clone ve8_1 derived protein.	1126	95
1637	AF134593	Homo sapiens	L-pipecolic acid oxidase	2068	99
1638	AJ238247	Mus musculus	putative phosphatase subunit	1948	96
1639	Y94942	Homo sapiens	Human secreted protein clone yk251_1 protein sequence SEQ ID NO:90.	1320	100
1640	AF235030	Homo sapiens	BM88 antigen	766	99
1641	AF233288	Drosophila melanogaster	WDS	358	26
1642	M19351	Mus musculus	immunoglobulin heavy chain binding protein	145	34
1643	Y70452	Homo sapiens	Human membrane channel protein-2 (MECHP-2).	1352	100
1644	AF176520	Mus musculus	WD repeat-containing F-box protein 2DWS	2676	88
1645	W67816	Homo sapiens	Human secreted protein encoded by gene 10 clone HCEMU42.	1156	100
1646	X67155	Homo sapiens	mitotic kinase-like protein-1	4456	99
1647	M63180	Homo sapiens	threonyl-tRNA synthetase	1040	61
1648	Y87342	Homo sapiens	Human signal peptide containing protein HSPP-119 SEQ ID NO:119.	1566	93
1649	R95332	Homo sapiens	Tumor necrosis factor receptor 1 death domain ligand (clone 3TW).	4137	100
1650	AC007136	Homo sapiens	Putative map kinase interacting kinase	856	99
1651	AB015346	Homo sapiens	Eps15R	4464	99
1652	AL161576	Arabidopsis thaliana	putative protein	1341	48
1653	AC005313	Arabidopsis thaliana	putative calmodulin	288	28
1654	AL031428	Homo sapiens	dJ184J9.1 (KIAA0601 protein)	3526	100
1655	AL031428	Homo sapiens	dJ184J9.1 (KIAA0601 protein)	3526	100
1656	AB017910	Dictyostelium discoideum	myoM	297	32
1657	Y28919	Homo sapiens	Human regulatory protein HRGP-5.	2251	99
1658	AF056191	Homo sapiens	TPA inducible protein	2744	98
1659	U76846	Arabidopsis thaliana	ubiquitin-specific protease	137	35
1660	AL078627	Schizosaccharomyces pombe	actin-like protein; (2 actin domains)	320	34
1662	X52022	Homo sapiens	collagen type VI, alpha 3 chain	16274	99
1663	AF300648	Homo sapiens	guanine nucleotide binding protein beta subunit 4	1811	100
1664	AF214736	Homo sapiens	EH domain containing protein 2	2774	100
1665	Z48613	Saccharomyces cerevisiae	unknown	138	26
1666	AF177385	Homo sapiens	cytochrome c oxidase assembly protein isoform 2	1395	99
1667	AC007842	Homo sapiens	BC331191_1	1581	47
1668	S67513	Borna disease virus BDV, WT-1, Halle B1/91, horse brain, field isolate, Peptide, 370	p40	397	43

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		aa			
1669	Z99753	Schizosaccharomyces pombe	putative NOL1-NOP2-sun family nucleolar protein	569	47
1670	G03130	Homo sapiens	Human secreted protein, SEQ ID NO: 7211.	427	97
1671	M96825	Gallus gallus	cardiac muscle tensin	1185	54
1672	AF174482	Homo sapiens	polycomb 3	2005	99
1673	Y51846	Homo sapiens	Human 18.1 homolog protein fragment.	233	29
1674	AF255334	Homo sapiens	EXP35	152	29
1675	Y92867	Homo sapiens	Human protein clone HP10563.	109	30
1676	Y25712	Homo sapiens	Human secreted protein encoded from gene 2.	3043	99
1677	Y25712	Homo sapiens	Human secreted protein encoded from gene 2.	1580	91
1678	AF163151	Homo sapiens	dentin sialophosphoprotein precursor	170	17
1679	AF163151	Homo sapiens	dentin sialophosphoprotein precursor	170	17
1680	AK024453	Homo sapiens	FLJ00045 protein	1349	100
1681	AF019236	Dictyostelium discoideum	TipD	613	34
1682	AJ243459	Leishmania major	proteophosphoglycan	153	26
1683	Z69369	Schizosaccharomyces pombe	putative GTP-binding protein	560	46
1684	X94910	Homo sapiens	ERp28	1334	100
1685	AF286475	Takifugu rubripes	retinitis pigmentosa GTPase regulator-like protein	136	19
1686	AF191298	Homo sapiens	vacuolar sorting protein 35	4087	100
1687	AJ275986	Homo sapiens	transcription factor	2958	100
1688	AJ275986	Homo sapiens	transcription factor	1886	88
1689	X07311	Drosophila melanogaster	heat shock protein	138	43
1690	AF240463	Rattus norvegicus	LIS1-interacting protein NUDE1	1383	83
1691	AJ272078	Homo sapiens	APOBEC-1 stimulating protein	1256	68
1692	AJ272079	Homo sapiens	APOBEC-1 stimulating protein	1336	60
1693	AF177942	Xenopus laevis	katanin p50	1664	66
1694	AF263539	Homo sapiens	arginine N-methyltransferase	1774	100
1695	AF222689	Homo sapiens	protein arginine N-methyltransferase 1-variant 2	1182	81
1696	AK000193	Homo sapiens	unnamed protein product	1060	100
1697	AB041035	Homo sapiens	kidney superoxide-producing NADPH oxidase	3122	100
1698	AB041035	Homo sapiens	kidney superoxide-producing NADPH oxidase	2181	100
1699	AF025772	Homo sapiens	C2H2 zinc finger protein	488	54
1700	Y44676	Homo sapiens	Human ARF-Related Protein-1 (HARP-1).	938	97
1701	AK022407	Homo sapiens	unnamed protein product	315	98
1702	AB024574	Homo sapiens	GTP-binding like protein 2	1172	100
1703	AF055078	Homo sapiens	zinc finger protein 42	421	52
1704	AF198092	Mus musculus	RP42	1057	77
1705	AE003573	Drosophila melanogaster	CG12474 gene product	161	33
1706	AB036345	Drosophila melanogaster	aquaporin	164	24
1707	Y55927	Homo sapiens	Human STLK2 protein.	2146	100
1708	U27121	Danio rerio	G12	212	47
1709	AL391710	Arabidopsis	putative protein	505	50

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
		thaliana			
1710	B01311	Homo sapiens	Human PRO241 polypeptide.	1649	97
1711	U40750	Mus musculus	formin binding protein 30	4561	85
1712	AJ011118	Mus musculus	skeletal muscle and cardiac protein	1490	89
1713	AF255303	Homo sapiens	membrane-associated nucleic acid binding protein	4416	99
1714	AF255303	Homo sapiens	membrane-associated nucleic acid binding protein	2960	100
1715	U08227	Rattus norvegicus	Ras-related protein	511	51
1716	AF168795	Rattus norvegicus	schlafen-4	1129	44
1717	AF196304	Homo sapiens	SUMO-1-specific protease	5804	99
1718	AL355737	Homo sapiens	HMG20A	1782	100
1719	AB029333	Halocynthia roretzi	HrPET-1	1069	46
1720	AF071317	Mus musculus	COP9 complex subunit 7b	1297	97
1721	AJ272215	Homo sapiens	HNYL protein	1681	99
1722	G01982	Homo sapiens	Human secreted protein, SEQ ID NO: 6063.	718	100
1723	AL032643	Caenorhabditis elegans	similar to Uncharacterized protein family UPF0034,	825	41
1724	G01972	Homo sapiens	Human secreted protein, SEQ ID NO: 6053.	586	92
1725	Y94441	Homo sapiens	Human Adipose Specific Protein 1.	1231	100
1726	AF255443	Homo sapiens	CGI-201 protein	4397	99
1727	AF103426	Homo sapiens	HT004 protein	1810	99
1728	D10884	Bos taurus	neurocalcin	1002	99
1729	Z18529	Gallus gallus	tensin	1411	84
1730	Z73423	Caenorhabditis elegans	cDNA EST EMBL:Z14908 comes from this gene-cDNA EST this gene	233	41
1732	AF090891	Homo sapiens	PRO0105	470	30
1733	AJ277724	Homo sapiens	histone deacetylase 8	2015	100
1734	G04050	Homo sapiens	Human secreted protein, SEQ ID NO: 8131.	503	95
1735	D45913	Mus musculus	leucine-rich-repeat protein	3531	94
1736	AF056709	Drosophila virilis	failed axon connections protein	276	32
1737	AF195120	Homo sapiens	dynactin p62 subunit	2417	99
1738	L15314	Caenorhabditis elegans	contains similarity to Pfam family PF01772 N=1	206	37
1739	X54618	Listeria monocytogenes	phosphadidylinositol specific phospholipase C	134	27
1740	AL031658	Homo sapiens	dJ310G13.4 (novel protein similar to predicted C. elegans an C. intestinalis proteins)	123	31
1741	Y35924	Homo sapiens	Extended human secreted protein sequence, SEQ ID NO. 173.	1013	99
1742	AC013354	Arabidopsis thaliana	F15H18.15	202	32
1743	W75771	Homo sapiens	Human GTP binding protein APD08.	1932	59
1744	W75771	Homo sapiens	Human GTP binding protein APD08.	1854	61
1745	AF221098	Homo sapiens	Ral guanine nucleotide exchange factor RalGPS1A	1224	70
1746	Y99372	Homo sapiens	Human PRO1430 (UNQ736) amino acid sequence SEQ ID NO:116.	1332	99
1747	Y94294	Homo sapiens	Human coenzyme A-utilising	842	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			enzyme CoAEN-2.		
1748	AK024436	Homo sapiens	FLJ00026 protein	1619	100
1749	AE000877	Methanobacterium thermoautotrophicum	conserved protein	231	36
1750	AF101361	Drosophila melanogaster	Abnormal X segregation	193	33
1751	Y15067	Homo sapiens	ZNF232	889	100
1752	AF251038	Homo sapiens	GAP-like protein	822	100
1753	AC003093	Homo sapiens	OXYSTEROL-BINDING PROTEIN; 45% similarity to P22059 (PID:g129308)	352	97
1754	X69089	Homo sapiens	165kD protein	5703	99
1755	AL049795	Homo sapiens	dJ622L5.3 (novel protein)	1039	100
1756	AL031393	Homo sapiens	dJ733D15.1 (Zinc-finger protein)	2765	100
1757	AB040672	Homo sapiens	UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase	2020	99
1758	AL022238	Homo sapiens	dJ1042K10.4 (novel protein)	776	43
1759	AF117653	Homo sapiens	double homeobox protein	375	54
1760	Y12065	Homo sapiens	hNop56	2959	99
1761	AL049712	Homo sapiens	dJ686C3.2 (nucleolar protein hNop56)	2595	99
1762	AC002394	Homo sapiens	Gene product with similarity to dynein beta subunit	1542	51
1763	AF169017	Homo sapiens	formiminotransferase cyclodeaminase	877	100
1764	U91541	Homo sapiens	human formiminotransferase cyclodeaminase (ftcd)protein, carboxy-terminal end	596	100
1765	AB013355	Bacillus halodurans	YlqF	350	34
1766	Y38421	Homo sapiens	Human secreted protein encoded by gene No. 36.	145	71
1767	AC009176	Arabidopsis thaliana	putative ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit N-methyltransferase I	216	27
1768	AK000647	Homo sapiens	unnamed protein product	737	99
1769	AJ238982	Homo sapiens	VNN3 protein	2665	99
1770	U73822	Homo sapiens	AMSH	1214	56
1771	U89435	Mus musculus	unknown	829	86
1772	S70011	Rattus sp.	tricarboxylate carrier	1604	95
1773	AL035086	Homo sapiens	dJ44A20.2 (novel protein)	2036	100
1774	Y99426	Homo sapiens	Human PRO1604 (UNQ785) amino acid sequence SEQ ID NO:308.	1057	99
1775	AF110330	Homo sapiens	glutaminase	3146	100
1776	AJ269529	Homo sapiens	glycerol 3-phosphate permease	2787	100
1777	Z81579	Caenorhabditis elegans	cDNA EST yk76f1.5 comes from this gene	232	31
1778	AY007239	Homo sapiens	monooxygenase X	1875	99
1779	AL109608	Schizosaccharomyces pombe	oxysterol-binding protein family	644	38
1780	AF254260	Homo sapiens	tuftelin 1	1729	100
1781	L07924	Mus musculus	guanine nucleotide dissociation stimulator	247	50
1782	AF295773	Homo sapiens	ral guanine nucleotide dissociation stimulator	142	49
1783	AK024475	Homo sapiens	FLJ00068 protein	4333	100
1784	AK024475	Homo sapiens	FLJ00068 protein	3956	93
1785	G03933	Homo sapiens	Human secreted protein, SEQ ID NO: 8014.	570	100
1786	S82637	Homo sapiens	Ig lambda-like gene/beta-	247	100

TABLE 2

SEQ ID NO:	ACCESSION NUMBER	SPECIES	DESCRIPTION	SMITH-WATERMAN SCORE	% IDENTITY
			glucuronidase exon 11 homolog		

TRADOCS:1416280.1(%CT401!.DOC)

TABLE 3

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
2	BL00240	Receptor tyrosine kinase class III proteins.	BL00240B 24.70 8.250e-12 157-181
3	PR00109	TYROSINE KINASE CATALYTIC DOMAIN SIGNATURE	PR00109D 17.04 8.085e-13 358-381
4	BL00028	Zinc finger, C2H2 type, domain proteins.	BL00028 16.07 9.600e-10 1129-1146 BL00028 16.07 1.257e-09 820-837
5	BL00023	Type II fibronectin collagen-binding domain proteins.	BL00023 24.31 8.920e-33 413-450 BL00023 24.31 4.545e-27 353-390
6	BL00023	Type II fibronectin collagen-binding domain proteins.	BL00023 24.31 8.920e-33 413-450 BL00023 24.31 4.545e-27 353-390
7	BL00023	Type II fibronectin collagen-binding domain proteins.	BL00023 24.31 8.920e-33 413-450 BL00023 24.31 4.545e-27 353-390
8	BL00023	Type II fibronectin collagen-binding domain proteins.	BL00023 24.31 8.920e-33 413-450 BL00023 24.31 4.545e-27 353-390
9	BL01160	Kinesin light chain repeat proteins.	BL01160B 19.54 5.119e-09 863-917
10	PR00464	E-CLASS P450 GROUP II SIGNATURE	PR00464D 17.40 6.182e-12 294-312 PR00464G 12.41 4.231e-11 377-393
11	PR00734	GLYCOSYL HYDROLASE FAMILY 7 SIGNATURE	PR00734I 11.46 4.296e-09 502-520
12	PF00023	Ank repeat proteins.	PF00023B 14.20 6.500e-10 89-99 PF00023D 14.20 2.636e-09 56-66
14	DM00031	IMMUNOGLOBULIN V REGION.	DM00031B 15.41 3.848e-09 79-113
15	PR00208	GLIADIN AND LMW GLUTENIN SUPERFAMILY SIGNATURE	PR00208A 12.59 9.868e-10 517-535 PR00208A 12.59 2.233e-09 520-538
17	PD00066	PROTEIN ZINC-FINGER METAL-BINDI.	PD00066 13.92 8.200e-14 282-295 PD00066 13.92 9.400e-14 477-490 PD00066 13.92 6.500e-13 505-518 PD00066 13.92 9.500e-13 254-267 PD00066 13.92 1.429e-12 393-406 PD00066 13.92 6.571e-12 421-434
18	BL00845	CAP-Gly domain proteins.	BL00845 16.43 2.200e-25 55-80
20	BL00487	IMP dehydrogenase / GMP reductase proteins.	BL00487E 16.12 5.737e-26 154-199 BL00487F 18.79 8.984e-22 235-276 BL00487G 26.82 4.082e-12 287-329
21	BL00487	IMP dehydrogenase / GMP reductase proteins.	BL00487E 16.12 5.737e-26 154-199 BL00487F 18.79 8.984e-22 235-276 BL00487G 26.82 4.082e-12 348-390
22	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 3.250e-26 302-333

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
23	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 3.250e-26 302 333
25	BL00115	Eukaryotic RNA polymerase II heptapeptide repeat proteins.	BL00115T 8.45 7.273e-29 1208-1242 BL00115Q 18.08 2.776e-21 953-983 BL00115Y 11.86 8.000e-17 1604-1650 BL00115M 19.19 8.130e-16 731-774 BL00115H 14.34 9.392e-16 463-496 BL00115A 15.44 7.414e-15 43-82 BL00115R 6.50 6.128e-14 983-1010 BL00115J 16.71 9.289e-14 591-617 BL00115I 8.33 4.336e-13 535-590 BL00115L 12.25 5.939e-13 662-694 BL00115G 11.65 6.011e-13 435-463 BL00115K 15.03 3.417e-10 617-659 BL00115O 16.76 5.805e-10 863-913 BL00115P 11.54 7.538e-10 913-953 BL00115S 18.24 7.968e-10 1010-1052 BL00115U 10.34 4.475e-09 1242-1265
26	BL00420	Speract receptor repeat proteins domain proteins.	BL00420A 20.42 4.109e-11 81-110 BL00420A 20.42 8.820e-10 84-113
27	BL00050	Ribosomal protein L23 proteins.	BL00050A 23.71 9.250e-27 94-127 BL00050B 14.81 8.125e-12 133-147
28	PR00925	NONHISTONE CHROMOSOMAL PROTEIN HMG17 FAMILY SIGNATURE	PR00925B 3.73 3.089e-10 41-54
29	PF00756	Putative esterase.	PF00756C 14.12 1.108e-09 486-516
32	BL00557	FMN-dependent alpha-hydroxy acid dehydrogenases proteins.	BL00557D 17.76 5.065e-37 274-316 BL00557A 35.68 8.909e-29 24-73 BL00557C 15.59 1.000e-28 227-257 BL00557B 21.27 8.898e-22 130-169
34	PR00629	SHC PHOSPHOTYROSINE INTERACTION DOMAIN SIGNATURE	PR00629E 9.90 5.886e-35 299-328 PR00629F 10.95 8.364e-32 334-361 PR00629B 13.66 3.786e-27 224-247 PR00629A 13.45 8.364e-21 206-222 PR00629C 3.80 4.000e-12 249-261 PR00629D 12.45 3.739e-11 276-286
35	PD01270	RECEPTOR FC IMMUNOGLOBULIN AFFIN.	PD01270A 17.22 1.000e-40 39-79 PD01270B 22.18 2.875e-38 94-131 PD01270D 24.66 3.700e-34 171-207 PD01270C 19.54 3.455e-30 137-166
36	PD01270	RECEPTOR FC IMMUNOGLOBULIN AFFIN.	PD01270A 17.22 1.000e-40 39-79 PD01270B 22.18 2.875e-38 94-131

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
			PD01270D 24.66 3.700e-34 171-207 PD01270C 19.54 3.455e-30 137-166
37	BL00412	Neuromodulin (GAP-43) proteins.	BL00412C 10.28 9.241e-10 264-298
38	BL00412	Neuromodulin (GAP-43) proteins.	BL00412C 10.28 9.241e-10 264-298
39	BL00412	Neuromodulin (GAP-43) proteins.	BL00412C 10.28 9.241e-10 264-298
40	PR00380	KINESIN HEAVY CHAIN SIGNATURE	PR00380B 12.64 7.366e-14 342-360 PR00380C 13.18 6.927e-13 375-394 PR00380D 9.93 2.180e-12 429-451 PR00380A 14.18 5.154e-12 143-165
44	BL00345	Ets-domain proteins.	BL00345B 21.28 1.000e-40 239-290 BL00345A 13.96 2.452e-14 204-223
45	BL00345	Ets-domain proteins.	BL00345B 21.28 1.000e-40 215-266 BL00345A 13.96 2.452e-14 180-199
46	DM01551	kw OSTEOINDUCTIVE YOPM MEMBRANE OUTER.	DM01551A 15.63 3.538e-26 172-202 DM01551C 14.62 3.571e-17 232-252 DM01551B 8.84 4.750e-11 214-226
47	PR00876	NEMATODE METALLOTHIONEIN SIGNATURE	PR00876B 7.66 9.328e-11 246-260
48	PD01066	PROTEIN ZINC FINGER ZINC-FINGER METAL-BINDING NU.	PD01066 19.43 4.231e-33 6-45
50	BL00972	Ubiquitin carboxyl-terminal hydrolases family 2 proteins.	BL00972D 22.55 7.750e-19 994-1019 BL00972A 11.93 7.120e-18 216-234 BL00972E 20.72 9.471e-14 1020-1042 BL00972C 16.48 7.000e-13 360-375 BL00972B 9.45 8.269e-10 302-312
51	BL00972	Ubiquitin carboxyl-terminal hydrolases family 2 proteins.	BL00972D 22.55 7.750e-19 990-1015 BL00972A 11.93 7.120e-18 216-234 BL00972E 20.72 9.471e-14 1016-1038 BL00972C 16.48 7.000e-13 360-375 BL00972B 9.45 8.269e-10 302-312
52	BL01115	GTP-binding nuclear protein ran proteins.	BL01115A 10.22 3.063e-14 10-54
53	PR00988	URIDINE KINASE SIGNATURE	PR00988A 6.39 8.500e-17 20-38 PR00988F 12.23 7.828e-15 196-210 PR00988C 13.64 6.108e-14 104-120 PR00988E 8.27 3.872e-11 174-186 PR00988D 5.95 6.878e-10 160-171 PR00988B 11.60 2.915e-09 57-69
55	PR00762	CHLORIDE CHANNEL SIGNATURE	PR00762C 9.29 4.682e-21 294-314 PR00762D 11.29 4.103e-19 509-530 PR00762A 14.22 9.333e-18 199-217

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
			PR00752F 15.12 3.100e-16 563-583 PR00762B 12.12 6.063e-16 230-250 PR00762K 12.07 2.286e-15 545-562 PR00762G 14.13 6.276e-13 601-616
56	BL00216	Sugar transport proteins.	BL00216E 27.64 8.800e-10 153-203
58	PF00791	Domain present in ZO-1 and Unc5-like netrin receptors.	PF00791B 28.49 2.049e-10 1080-1135
59	PF00791	Domain present in ZO-1 and Unc5-like netrin receptors.	PF00791B 28.49 2.049e-10 1062-1117
61	PD01929	KINASE TYPE RESISTANCE ANTIBIOTIC TRANSFERASE AM.	PD01929F 10.76 9.018e-09 206-221
68	PR00360	C2 DOMAIN SIGNATURE	PR00360A 14.59 7.395e-09 680-693
69	PR00360	C2 DOMAIN SIGNATURE	PR00360A 14.59 7.395e-09 670-683
70	PF00651	BTB (also known as BR-C/ttk) domain proteins.	PF00651 15.00 8.714e-10 51-64
72	DM00179	v KINASE ALPHA ADHESION T-CELL.	DM00179 13.97 5.304e-09 108-118
73	BL00239	Receptor tyrosine kinase class II proteins.	BL00239E 25.15 7.075e-12 118-156
74	BL00790	Receptor tyrosine kinase class V proteins.	BL00790N 13.25 6.116e-10 93-120
76	DM00471	0 PROKARYOTIC DNA TOPOISOMERASE I.	DM00471A 11.73 9.357e-13 53-66 DM00471B 8.45 4.857e-12 70-81
80	PD02876	DECARBOXYLASE PHOSPHATIDYLSERINE.	PD02876C 8.80 2.723e-13 223-236 PD02876D 12.13 2.588e-12 334-351
81	PD02876	DECARBOXYLASE PHOSPHATIDYLSERINE.	PD02876C 8.80 2.723e-13 282-295 PD02876D 12.13 2.588e-12 393-410
83	BL00708	Prolyl endopeptidase family serine proteins.	BL00708B 24.91 7.197e-12 570-601
84	PR00014	FIBRONECTIN TYPE III REPEAT SIGNATURE	PR00014C 15.44 8.043e-09 985-1004
86	PR00678	PI3 KINASE P85 REGULATORY SUBUNIT SIGNATURE	PR00678H 9.13 1.379e-09 246-269
89	PR00320	G-PROTEIN BETA WD-40 REPEAT SIGNATURE	PR00320C 13.01 8.200e-09 264-279 PR00320B 12.19 8.650e-09 264-279
93	BL00455	Putative AMP-binding domain proteins.	BL00455 13.31 2.588e-14 316-332
95	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 4.000e-10 123-154
96	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 4.000e-10 212-243
97	PR00081	GLUCOSE/RIBITOL DEHYDROGENASE FAMILY SIGNATURE	PR00081B 10.38 6.318e-13 134-146 PR00081A 10.53 2.500e-12 54-72
98	PR00380	KINESIN HEAVY CHAIN SIGNATURE	PR00380A 14.18 5.500e-24 401-423 PR00380D 9.93 7.188e-20 613-635 PR00380B 12.64 7.517e-16 529-547 PR00380C 13.18 2.756e-13 560-579

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
102	PR00300	ATP-DEPENDENT CLP PROTEASE ATP-BINDING SUBUNIT SIGNATURE	PR00300A 9.56 7.545e-14 289-308
104	BL00479	Phorbol esters / diacylglycerol binding domain proteins.	BL00479B 12.57 6.786e-18 298-314 BL00479A 19.86 4.913e-16 155-178 BL00479A 19.86 4.300e-13 272-295 BL00479B 12.57 6.294e-12 181-197
106	BL01019	ADP-ribosylation factors family proteins.	BL01019A 13.20 8.013e-12 43-83
107	DM01970	0 kw ZK632.12 YDR313C ENDOSOMAL III.	DM01970B 8.60 5.000e-16 403-416
108	BL00191	Cytochrome b5 family, heme-binding domain proteins.	BL00191K 17.38 4.951e-27 238-282 BL00191J 11.37 6.447e-17 182-204
109	PD01066	PROTEIN ZINC FINGER ZINC-FINGER METAL-BINDING NU.	PD01066 19.43 4.838e-37 8-47
110	BL01138	Scorpion short toxins proteins.	BL01138A 10.96 8.257e-10 38-50
113	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 5.800e-23 156-187 BL00107B 13.31 9.100e-14 225-241
117	BL00214	Cytosolic fatty-acid binding proteins.	BL00214B 26.51 1.000e-17 46-91 BL00214A 21.17 7.052e-11 5-31
118	BL00107	Protein kinases ATP-binding region proteins.	BL00107A 18.39 8.560e-13 36-67
119	PR00529	GONADOTROPHIN RELEASING HORMONE RECEPTOR SIGNATURE	PR00529C 11.03 7.506e-10 158-177
120	PR00320	G-PROTEIN BETA WD-40 REPEAT SIGNATURE	PR00320C 13.01 9.400e-09 80-95
121	PR00320	G-PROTEIN BETA WD-40 REPEAT SIGNATURE	PR00320C 13.01 9.400e-09 80-95
127	BL00215	Mitochondrial energy transfer proteins.	BL00215A 15.82 7.158e-13 216-241
128	BL01032	Protein phosphatase 2C proteins.	BL01032C 6.14 3.195e-12 147-157 BL01032H 11.25 5.680e-11 318-331 BL01032G 8.33 8.932e-11 282-296 BL01032I 10.42 8.902e-09 379-389
129	BL01310	ATPIG1 / PLM / MAT8 family proteins.	BL01310 14.74 6.694e-26 28-64
130	PR00990	RIBOKINASE SIGNATURE	PR00990B 12.32 9.534e-15 47-67 PR00990A 16.23 5.500e-14 20-42 PR00990C 12.62 2.412e-09 119-133
133	BL00880	Acyl-CoA-binding protein.	BL00880 17.52 5.576e-26 72-122
134	BL00030	Eukaryotic RNA-binding region RNP-1 proteins.	BL00030A 14.39 9.308e-14 18-37
135	PR00215	NEUROMODULIN SIGNATURE	PR00215C 13.98 6.779e-10 475-496
136	BL01310	ATPIG1 / PLM / MAT8 family proteins.	BL01310 14.74 2.432e-29 71-107
140	BL00028	Zinc finger, C2H2 type, domain proteins.	BL00028 16.07 7.882e-14 214-231 BL00028 16.07 9.471e-14 102-119 BL00028 16.07 2.800e-13 18-35

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
			BL00028 16.07 5.500e-13 74-91 BL00028 16.07 9.100e-13 186-203 BL00028 16.07 8.043e-12 46-63 BL00028 16.07 8.435e-12 130-147 BL00028 16.07 9.217e-12 270-287 BL00028 16.07 6.192e-11 242-259 BL00028 16.07 4.000e-10 158-175
141	BL00501	Signal peptidases I serine proteins.	BL00501D 16.69 9.538e-14 113-133 BL00501C 9.61 8.688e-10 89-101
143	BL01020	SAR1 family proteins.	BL01020C 15.35 7.722e-20 79-130
146	PD01066	PROTEIN ZINC FINGER ZINC-FINGER METAL-BINDING NU.	PD01066 19.43 6.400e-25 335-374
149	BL00126	3'5'-cyclic nucleotide phosphodiesterases proteins.	BL00126C 22.07 1.450e-25 509-550 BL00126E 35.22 3.951e-16 654-709 BL00126D 25.50 1.360e-15 565-604 BL00126B 15.20 8.200e-11 483-495 BL00126A 27.56 8.269e-11 442-479
151	BL00632	Ribosomal protein S4 proteins.	BL00632 23.79 5.271e-20 106-149
154	BL00559	Eukaryotic molybdopterin oxidoreductases proteins.	BL00559I 13.63 5.304e-19 29-58 BL00559K 13.17 2.957e-18 172-199 BL00559J 19.63 8.385e-13 99-151 BL00559L 13.60 5.814e-12 241-259
155	PR00449	TRANSFORMING PROTEIN P21 RAS SIGNATURE	PR00449A 13.20 1.692e-13 13-35
157	BL00406	Actins proteins.	BL00406D 12.58 2.547e-18 275-330 BL00406A 9.98 5.776e-16 15-50 BL00406B 5.47 7.429e-12 69-124 BL00406C 6.75 9.682e-12 128-183
160	BL00132	Zinc carboxypeptidases, zinc-binding region 1 proteins.	BL00132A 26.07 7.055e-14 22-63 BL00132C 21.35 3.466e-12 104-145
165	PR00109	TYROSINE KINASE CATALYTIC DOMAIN SIGNATURE	PR00109B 12.27 9.043e-13 139-158
168	BL00362	Ribosomal protein S15 proteins.	BL00362 24.67 9.700e-15 129-172
169	BL00039	DEAD-box subfamily ATP-dependent helicases proteins.	BL00039D 21.67 1.000e-05 640-686 BL00039A 18.44 1.964e-13 212-251 BL00039B 19.19 4.553e-13 378-404 BL00039C 15.63 8.773e-12 465-489
175	PR00449	TRANSFORMING PROTEIN P21 RAS SIGNATURE	PR00449A 13.20 3.721e-12 14-36
178	BL01310	ATP1G1 / PLM / MAT8 family proteins.	BL01310 14.74 2.432e-29 133-169
179	PD01066	PROTEIN ZINC FINGER ZINC-FINGER METAL-	PD01066 19.43 9.455e-36 6-45

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
		BINDING NU.	
180	PR00007	COMPLEMENT C1Q DOMAIN SIGNATURE	PR00007B 14.16 7.429e-20 160-180 PR00007A 19.33 4.938e-19 133-160 PR00007C 15.60 1.225e-15 206-228 PR00007D 9.64 6.885e-11 236-249
181	BL00027	'Homeobox' domain proteins.	BL00027 26.43 9.526e-24 280-323
182	BL00027	'Homeobox' domain proteins.	BL00027 26.43 9.526e-24 263-306
183	BL00027	'Homeobox' domain proteins.	BL00027 26.43 9.526e-24 280-323
184	BL00027	'Homeobox' domain proteins.	BL00027 26.43 9.526e-24 263-306
188	PR00929	AT-HOOK-LIKE DOMAIN SIGNATURE	PR00929C 5.26 3.328e-09 460-471
189	PR00929	AT-HOOK-LIKE DOMAIN SIGNATURE	PR00929C 5.26 3.328e-09 440-451
190	BL00383	Tyrosine specific protein phosphatases proteins.	BL00383F 15.51 7.188e-17 566-682 BL00383A 13.34 8.714e-17 162-177 BL00383H 10.35 1.000e-14 333-344 BL00383E 10.35 7.300e-14 628-639 BL00383F 15.51 1.720e-13 371-387 BL00383C 10.10 3.000e-13 217-228 BL00383D 11.92 7.000e-13 295-308 BL00383B 7.61 1.692e-11 187-196 BL00383C 10.10 1.750e-09 509-520 BL00383D 11.92 4.000e-09 589-602 BL00383B 7.61 8.000e-09 479-488
191	PR00450	RECOVERIN FAMILY SIGNATURE	PR00450C 12.22 7.911e-15 83-105 PR00450C 12.22 6.286e-13 47-69
193	PF00564	Octicosapeptide repeat proteins.	PF00564B 24.74 6.164e-16 227-278
194	PR00503	BRONODOMAIN SIGNATURE	PR00503B 20.81 9.156e-15 204-224 PR00503B 9.96 9.571e-13 170-187
195	BL00901	Cysteine synthase/cystathionine beta-synthase P-phosphate att.	BL00901C 20.63 3.429e-18 67-117
197	BL00636	Nt-dnaJ domain proteins.	BL00636A 8.07 6.211e-17 40-57 BL00636B 15.11 2.000e-13 67-88
198	PR00690	ADHESIN FAMILY SIGNATURE	PR00690A 10.86 9.866e-09 463-482
199	BL01131	Ribosomal RNA adenine dimethylases proteins.	BL01131A 26.62 2.343e-12 84-130
201	PR00910	LUTEOVIRUS ORF6 PROTEIN SIGNATURE	PR00910A 2.51 8.352e-12 509-522
203	DM00215	PROLINE-RICH PROTEIN 3.	DM00215 19.43 2.286e-10 39-72
206	PR00261	LOW DENSITY LIPOPROTEIN (LDL) RECEPTOR SIGNATURE	PR00261A 11.02 4.462e-19 65-87 PR00261C 11.37 9.308e-19 65-87 PR00261D 12.47 2.667e-18 65-87 PR00261B 14.12 4.000e-18 143-165 PR00261A 11.02

SEQ ID NO:	ACCESSION NO.	DESCRIPTION	RESULTS*
			4.833e-18 143-165 PR00261D 12.47 7.500e-18 143-165 PR00261B 14.12 5.065e-16 65-87 PR00261C 11.37 8.967e-16 143-165 PR00261F 11.57 4.938e-13 143-165 PR00261E 11.08 7.188e-13 65-87 PR00261F 11.57 7.188e-13 65-87 PR00261E 11.08 1.643e-11 143-165
209	PF00791	Domain present in ZO-1 and Unc5-like netrin receptors.	PF00791B 28.49 6.143e-13 118-173 PF00791C 20.98 7.680e-10 132-171
211	PR00007	COMPLEMENT C1Q DOMAIN SIGNATURE	PR00007A 19.33 5.781e-19 131-158 PR00007B 14.16 4.115e-18 158-178 PR00007C 15.60 1.675e-15 201-223 PR00007D 9.64 7.231e-11 233-244
212	BL00183	Ubiquitin-conjugating enzymes proteins.	BL00183 28.97 1.545e-30 43-91
213	BL00183	Ubiquitin-conjugating enzymes proteins.	BL00183 28.97 1.545e-30 43-91
215	BL00039	DEAD-box subfamily ATP-dependent helicases proteins.	BL00039D 21.67 1.900e-29 568-614 BL00039A 18.44 1.671e-23 21-60 BL00039C 15.63 1.720e-11 364-388 BL00039B 19.19 4.064e-11 277-303
217	BL00100	Chloramphenicol acetyltransferase proteins.	BL00100D 17.22 8.484e-09 68-106
219	PR00213	MYELIN P0 PROTEIN SIGNATURE	PR00213C 15.94 3.969e-11 199-227
222	BL00678	Trp-Asp (WD) repeat proteins proteins.	BL00678 9.67 1.947e-09 144-155
224	PR00875	MOLLUSC METALLOTHIONEIN SIGNATURE	PR00875A 5.83 1.000e-09 901-913
225	BL00636	Nt-dnaJ domain proteins.	BL00636B 15.11 8.200e-19 18-39
226	BL00636	Nt-dnaJ domain proteins.	BL00636A 8.07 1.000e-21 21-38 BL00636B 15.11 8.200e-19 45-66
229	PR00301	70 KD HEAT SHOCK PROTEIN SIGNATURE	PR00301F 13.99 7.563e-13 329-346 PR00301G 13.78 4.300e-12 361-382
230	BL00460	Glutathione peroxidases selenocysteine proteins.	BL00460A 28.67 8.773e-20 35-70 BL00460B 9.73 7.429e-16 78-96 BL00460C 14.35 2.831e-12 111-134 BL00460D 16.89 8.773e-11 140-160
231	PR00647	SEVEN ORPHAN RECEPTOR SIGNATURE	PR00647B 10.19 8.522e-09 273-287
233	BL00292	Cyclins proteins.	BL00292B 20.31 7.429e-27 244-275 BL00292A 22.87 7.750e-27 201-235
234	PR00449	TRANSFORMING PROTEIN P21 RAS SIGNATURE	PR00449A 13.20 6.308e-13 7-29 PR00449C